

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: *GOR*

Well Log - Electric Log - 4 (None Rule)
 * *Operator changed 4-24-86*

Approved for Water Injection 6-5-86

DATE FILED *5-24-60*

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO.

INDIAN *14-20-603-*

DRILLING APPROVED: *5-24-60*

5448

SPUDDED IN: *10-5-60*

COMPLETED: *11-13-60*

INITIAL PRODUCTION: *685 BOPD, 327.4 MCFG/D 3/4" ch*

GRAVITY A. P. I.

GOR: *478'*

PRODUCING ZONES: *5268-5404'*

TOTAL DEPTH: *5475' (Desert Creek)*

WELL ELEVATION: *4439' UG 4449.25' DF*

DATE ABANDONED:

FIELD OR DISTRICT: *White Mesa Aneth*

COUNTY: *San Juan*

WELL NO. *NAVAJO "E" 2*

(McElmo - C-18)

API 43-037-15702

LOCATION: *1830* FT. FROM (N) ~~E~~ LINE,

2040 FT. FROM (S) (W) LINE. SE NW

QUARTER - QUARTER SEC. *11*

TWP. RGE. SEC. OPERATOR

TWP. RGE. SEC. OPERATOR

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini 2310'	DEVONIAN
TERTIARY	Middle	DeChelly 2390'	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock 2550'	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Monks Trail Monks Trail - 4312'	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafael Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa	Lynch
Wasatch	Curtis	Upper	Bowman
Colton	Entrade	Lower	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox	Tintic
Paleocene	Glen Canyon Gr.	• Janney - 5125'	PRE-CAMBRIAN
Current Creek	Nava jo	• Desert Creek - 5265'	
North Horn	Kayento	• Desert Creek Shale - 5463'	
CRETACEOUS	Wingate	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle 1190'	Chainman shale	
Price River	Shinarump 2120'	Humbug	
Blackhawk	Moenkapi 2195'	Joana limestone	

Navajo

(SUBMIT IN TRIPLICATE)

Indian Agency

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Tribal

Allottee 14-20-603-5448

Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Cortez, Colorado

February 2 60

, 19

Navajo "E"

Well No. 2 is located 1830 ft. from ☒ line and 2040 ft. from ☒ line of sec. 11

SE, NW Sec. 11

41S

24E

SLM

(4 Sec. and Sec. No.)

White Mesa

(Twp.)

San Juan

(Range)

(Meridian)

Utah

(Field)

ungraded ground

(County or Subdivision)

(State or Territory)

The elevation of the ~~derrick floor~~ above sea level is 4439 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drill 17-1/2" hole to approximately 160', set 160' of 13-3/8" conductor pipe and cement to surface. Drill 11" hole to approximately 1600', set 8-5/8" casing and cement to surface. Drill 7-7/8" hole to total depth of approximately 5650', run 5-1/2" casing and cement with approximately 250 sacks cement. Complete in Desert Creek formation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum Company

P. O. Drawer 1150

Address Cortez, Colorado

By G. M. Boles

Title District Superintendent

COMPANY **PHILLIPS PETROLEUM COMPANY**

Well Name & No. **NAVAJO "E" NO. 2**

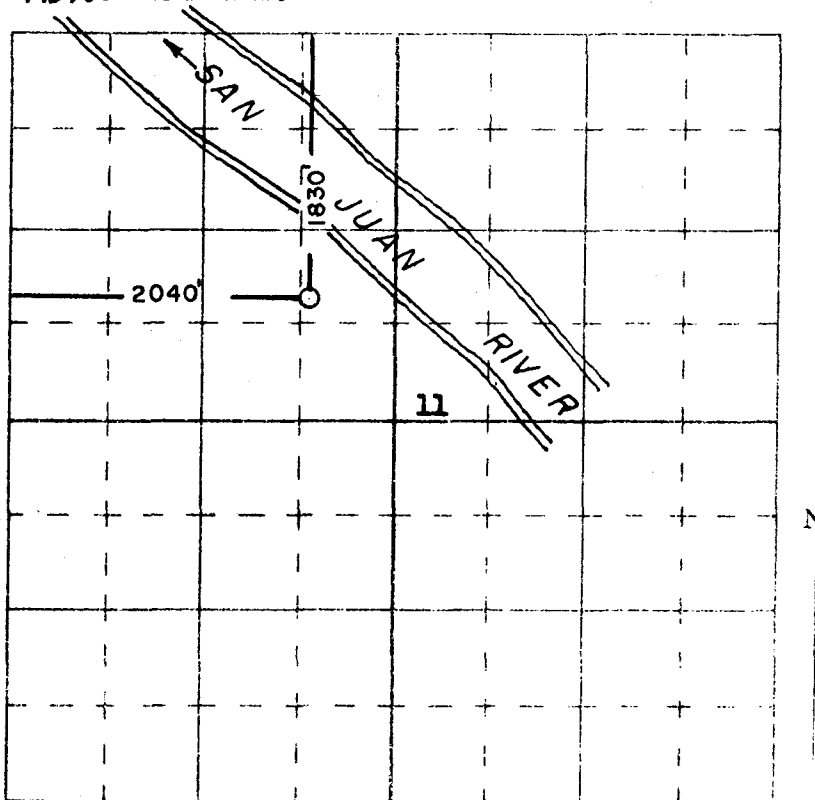
Lease No. **14-20-603-5448**

Location **1830' FROM THE NORTH LINE AND 2040' FROM THE WEST LINE.**

Being in **SE $\frac{1}{4}$ NW $\frac{1}{4}$**

Sec. **11** T **41 S**, R **24 E**, S.L.M. **SAN JUAN COUNTY, UTAH**

Ground Elevation **4439.0 UNGRADED.**



Scale — 4 inches equals 1 mile

Surveyed

29 JANUARY

19 **60**

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



James P. Loose
Registered Land Surveyor.
James P. Loose
Utah Reg. No. 1472

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO

May 24, 1960

Phillips Petroleum Co.
P. O. Drawer 1150
Cortez, Colorado

Attention: C. M. Boles, Dist. Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill well no. Navajo "E" 2, which is to be located 1830 feet from the north line and 2040 feet from the west line of Section 11, Township 41 South, Range 24 East, SLM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CHE:awg

cc: P. T. McGrath, Dist. Eng.
U. S. Geological Survey
Farmington, New Mexico

6

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Tribal _____

Allottee **11-20-603-5448**

Lease No. _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

Request for Extension of time to

X

Start Drilling

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Cortez, Colorado

May 25, 1960

Navajo "E"

Well No. **2** is located **1630** ft. from **N** line and **2040** ft. from **E** line of sec. **11**

SE NW Sec. 11

418

24E

SLM

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

White Mesa

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

ungraded ground

4439

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This form is submitted to request approval of extension of time to start drilling above well to 90 days from date of extension approval.

Original form dated February 2, 1960, was approved by USGS, Farmington, New Mexico, office on February 3, 1960. Delay in starting drilling operations was caused by delay in obtaining approval of the Utah Oil & Gas Conservation Commission and beyond control of Phillips Petroleum Company.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Phillips Petroleum**

Address **Drawer 1150**

Cortez, Colorado

By **C. M. Boles**

District Superintendent

Title _____

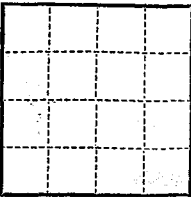
(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 11-80-603-5118



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

**Request for Extension of Time to Start X
Drilling**

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Cortez, Colorado

August 9, 19 60

Navajo "B"

Well No. 2 is located 1830 ft. from [N] line and 2040 ft. from [W] line of sec. 11

SE NW Sec. 11
(1/4 Sec. and Sec. No.)

A18
(Twp.)

24E
(Range)

11M
(Meridian)

White Mesa
(Field)

San Juan
(County or Subdivision)

Utah
(State or Territory)

The elevation of the ~~ground floor~~ ungraded ground above sea level is 4439 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This form is submitted to request approval of extension to start drilling operations at the above location to 90 days from date of extension approval.

Original form dated November 16, 1959, was approved by U.S.G.S., Farmington, New Mexico office on January 17, 1960. Original delay in starting drilling operations was caused by delay in obtaining approval of the Utah Oil & Gas Conservation Commission. Approval of the Utah Commission was received on May 24, 1960, and approval of 90-day extension was made by U.S.G.S. on May 27, 1960. Additional delay in starting drilling has been caused by delay in obtaining U. S. Department of Interior, Washington, D.C. approval of the San Juan River Agreement. These delays have been beyond control of Phillips Petroleum Company.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum Co.

Address Box 1150

Cortez, Colorado

By C. H. Boles

Title District Superintendent

UTAH OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
10 EXCHANGE PLACE
SALT LAKE CITY 11, UTAH

August 15, 1960

Phillips Petroleum Company
Box 1150
Cortez, Colorado

Attention: C. M. Boles, Dist. Superintendent

Gentlemen:

This is to acknowledge receipt of your "Request for Extension of Time to Start Drilling" on wells no. Navajo E 2, Navajo J 1 and Navajo J 2, located in San Juan County, Utah.

Please be advised that insofar as this office is concerned approval for a 90 day extension to drill is hereby granted as of August 12, 1960.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE SECRETARY

CBF:awg

cc: P. T. McGrath, Dist. Eng.
U. S. Geological Survey
Farmington, New Mexico

W

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-5448

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Cortez, Colorado December 20, 19 60

Navajo "B"

Well No. 2 is located 1830 ft. from N line and 2040 ft. from W line of sec. 11

SE, NW Sec. 11

41S

24E

1M

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

White Mesa

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

ungraded ground

The elevation of the derrick floor above sea level is 4439 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 3:00 A.M. 10-5-60. Drilled 12-1/4" hole to 115'; reamed 12-1/4" hole to 17-1/4" hole to 100'. Drilled 12-1/4" hole to 188'. Reamed 12-1/4" hole to 17-1/4" hole to 175'. Set and cemented 4 jts. 13-3/8" OD 27.1# Armo SW SJ casing at 175' with 175 sks. regular cement, 4% Calcium Chloride. Pumped plug to 150' with 150# maximum pressure at 1:15 A.M. 10-6-60. Cement circulated.

Drilled 11" hole to 1198'. Set and cemented 37 jts. 8-5/8" OD 24# J-55 casing at 1197.90' with 600 sks. regular cement, 3% gel, 1/4#/sk. Floccle, 1#/sk. Tuff Plug, 4% Calcium Chloride, followed with 75 sks. regular cement on bottom. Pumped plug to 1161' with 1800# maximum pressure. Circulated approximately 228 sks. and could not kill water flow. Closed rams and squeezed annulus with 18 sks. regular cement, 4% Calcium Chloride at 295#. Held pressure on annulus 45 minutes - released pressure and water flow dead. Job completed 11:15 AM 10-8-60. Tested casing to 1000# for (cont'd on back)

Company Phillips Petroleum Co.

Address Box 1150

Cortez, Colorado

By C. M. Coles

Title Dist. Supt.

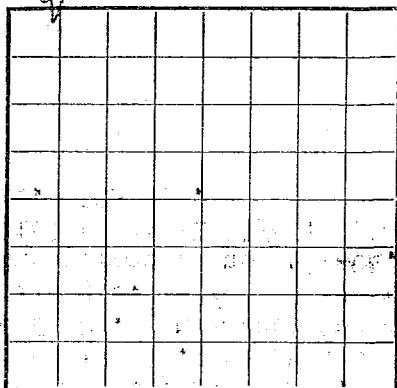
(cont'd)

30 minutes - O.K.

Drilled 7-7/8" hole to 5475' at 6:30 PM 11-6-60. Ran Schlumberger Induction-Electric, Micro-Caliper and Gamma Ray-Neutron logs to 5476. Set and cemented 172 jts. 5-1/2" OD 14# J-55 casing at 5473.85' with 550 cu. ft. of 11#/gallon 40% Diacel D, 4% Calcium Chloride (equals 132 sks. regular cement, 100 sks. Diacel D, 496# CC). Pumped plug to 5446' with 1700# maximum pressure at 7:30 AM 11/8/60. WOC. Tested casing with 1000# for 30 minutes - O.K.

Form 9-330

Navajo
U. S. LAND OFFICE
SERIAL NUMBER 14-20-603-5448
LEASE OR PERMIT TO PROSPECT Tribal



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address Box 1150, Cortez, Colorado
Lessor or Tract Navajo "E" Field White Mesa State Utah
Well No. 2 Sec. 11 T. 41S R. 24E Meridian SLM County San Juan
Location 1830 ft. N of N Line and 2040 ft. E of W Line of Sec. 11 Elevation 4449.25
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date December 20, 1960

Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling October 5, 19 60 Finished drilling November 6, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

In all sands above 1190 and from 5125 to 5463
No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	27.1	3 1/2 SJ	Arco	162	Howco		5268	5282	Oil Prod.
8-5/8	24	8 rd	J-55	1195	"		5286	5293	" "
5-1/2	14	8 rd	J-55	5504	"		5293	5296	
							5303	5308	
							5322	5328	
							5356	5378	
							5390	5404	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	175	175 reg, 4% CC	Circulated		
8-5/8	1198	(600 reg, 3% gel, 1#/sk Flocco, 1#/sk. Tuff Plug, 75 reg on bottom)	Circ 228 sks - could not kill water flow. Squeezed annulus w/18 sks reg and		
5-1/2	5473	132 reg, 100 sks Diacel D, 496# CC	Halli- /4% CC /		

PLUGS AND ADDITIVES

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 5475 feet, and from _____ feet to _____ feet

Cable tools were used from -- feet to -- feet, and from _____ feet to _____ feet

DATES

December 20, 1960	Put to producing November 13, 1960
The production for the first 24 hours was	barrels of fluid of which % was oil; %
emulsion; % water; and % sediment.	Gravity, °Bé.
If gas well, cu. ft. per 24 hours	Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.	

EMPLOYEES

EMPLOYEES

_____	Driller	_____	Driller
Moran Bros., Inc.	_____	_____	Driller
_____	Driller	_____	_____

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	1190	1190	Navajo-Kayenta-Wingate
1190	2120	930	Chinle
2120	2195	75	Shinarump
2195	2310	115	Monekopi
2310	2390	80	Cutler - Hoskinini Equivalent
2390	2550	160	Cutler - DeChelly
2550	4312	1762	Cutler - Organ Rock
4312	5125	813	Honaker Trail
5125	5265	140	Ismay Zone - Paradox
5265	5463	198	Desert Creek Zone - Paradox
5463	5475	12	Desert Creek Shale
		AGGREGATE	FORMATION

[OVER]

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spudded 3:00 A.M. 10-5-60. Drilled 12-1/4" hole to 115', reamed 12-1/4" hole to 17-1/4" hole to 100'. Drilled 12-1/4" hole to 188'. Reamed 12-1/4" hole to 17-1/4" hole to 175'. Set and cemented 4 jts. 13-3/8" OD, 27.1# Armo, SW SJ casing at 175' with 175 sks. regular cement, 4% Calcium Chloride. Pumped plug to 150' with 150# maximum pressure at 1:15 A.M. 10-6-60. Cement circulated.

Drilled 11" hole to 1198'. Set and cemented 37 jts. 8-5/8" OD 24# J-55 casing at 1197.90' with 600 sks. regular cement, 3% Gel, 1/4#/sk. Flocale, 1#/sk. Tuff Plug, 4% CC, followed with 75 sks. regular cement on bottom. Pumped plug to 1161' with 1800# maximum pressure. Circulated approximately 228 sks. and could not kill water flow. Closed rams and squeezed annulus with 18 sks. regular cement, 4% CC at 295#. Held pressure on annulus 45 minutes - released pressure and water flow dead. Job completed 11:15 AM 10-8-60. Tested casing to 1000# for 30 minutes-O.K.

Drilled 7-7/8" hole to 5475' at 6:30 PM 11-6-60. Ran Schlumberger Induction-Electric-Micro-Caliper and Gamma Ray Neutron logs to 5476'. Set and cemented 172 jts. 5-1/2" OD 14# J-55 casing at 5473.85' with 550 cu.ft. of 11#/gallon 40% Macel D, 4% Calcium Chloride (equals 132 sks. regular cement, 100 sks. Macel D, 496# CC) Pumped plug to 5446' with 1700# maximum pressure at 7:30 AM 11/8/60. WOC. Tested casing with 1000# for 30 minutes - O.K.

Laid down tubing. Ran PGAC collar locator log to 5444'. PGAC perforated 5-1/2" casing in Desert Creek zone with 4 jet shots per foot 5268-82, 5286-91, 5293-96, 5303-08, 5322-28, 5356-78 and 5390-5404. EL and RL measure. Ran 170 jts. 2-7/8" OD RUE tubing with Baker Model EGJ hookwall packer. Tubing set at 5402.92. Packer set at 5175. Released rotary 5:49 PM 11/9/60.

Moved out rotary, moved in and rigged up I&R Well Service Unit. Dowell acidized perforation with 3000 gallons regular 15% acid, 400 gallons Jel X-830 temporary block, followed w/4000 gallons 15% regular acid. Pressures as follows: 3000 gallon treatment maximum pressure 2100#, minimum pressure 0#, rate 7.2 BPM. 4000-gallon treatment, maximum pressure 2600#, minimum 1800#, rate 9.7 BPM. Block increased pressure from 2000# to 2600#. Increased rate to 10 BPM. Flushed with 40 barrels oil. Maximum flush pressure 2000#, minimum 1500#, rate 8 BPM. On vacuum immediately after pumps shut down. Pulled tubing and packer. Re-ran 170 jts. 2-7/8" OD RUE tubing. Set tubing at 5404.25'. Tubing tension anchor at 5237'. Tubing perforations 5402-04.

Initial test: 11/13/60: Flowed 685 BO, no water, 527.4 MCF gas through 3/4" choke in 24 hours. GOR 478.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

MCU #C-18

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SE NW Sec. 11, T41S, R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1830' FNL & 2040' FWL, Section 11, T41S, R24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4450' KB

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.) *

Notice of intent to isolate the existing Desert Creek Zone I perfs 5268-5328'
and stimulate with 6,000 gal 28% acid in three equal stages separated by
temporary diverting material.

The Ismay intervals 5146-53', 5187-97' and 5210-20' will be perforated and
stimulated with 6,000 gal 28% retarded acid in three equal stages separated
by temporary diverting material.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 11-29-71

BY CB Feight

18. I hereby certify that the foregoing is true and correct

SIGNED

J. P. Noser

TITLE Engineer

DATE 11/22/71

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JPN/njh

cc: State, USGS, Broussard, Franques, Hurlbut, File

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Refer instruction on reverse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME Navajo	
2. NAME OF OPERATOR The Superior Oil Company		8. FARM OR LEASE NAME McElmo Creek Unit	
3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado 81321		9. WELL NO. MCU #C-18	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1830' FNL & 2040' FWL, Section 11, T41S, R24E		10. FIELD AND POOL, OR WILDCAT SE NW Sec. 11, T41S, R24E	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4450' KB	12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Notice of Intent to squeeze the existing perfs 5268-5404' with 400 sacks cement, perforate 5325-29', treat with 400 gal 28% acid and squeeze with 100 sacks cement. The interval 5238-42' will then be perforated, treated with 400 gal 28% acid and squeezed with 100 sacks cement. The Zone I intervals 5269-83', 5287-92', 5294-97', 5304-09' will be perforated and treated with 6000 gal 28% acid in three equal stages separated by temporary diverting material. After a Zone I swab test the Ismay intervals 5146-53', 5187-97' and 5210-20' will be perforated and isolated from Zone I by bridge plug and treated with 6000 gal 28% acid in three equal stages. After testing the Ismay the well will be placed on commingled production. Pending partner approval this work should commence April 5, 1972.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. P. Noser

TITLE

Prod. Engineer

DATE March 2, 1972

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JPN/njh

*See Instructions on Reverse Side

cc: USGS, State, Franques, Broussard, Hurlbut, File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424
5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

MCU #C-18

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SE NW Sec. 11, T41S, R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1830' FNL & 2040' FWL, Section 11, T41S, R24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4450' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐ Incomplete WorkoverREPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subsequent report of stimulation. Treated Zone I perfs 5268-5328' with 6,000 gal 28% retarded acid at 1/4 BPM with 4000 psi. Displaced 35 BO flush at 5 BPM with 500 psi. On vac immediately. Zone I apparently communicated with Zone II. Pump test indicates that the lower most Zone I interval 5322-28' is communicated with Zone II and is separated from the Upper Zone I 5268-5308'. Did not proceed with the proposed Ismay completion.

Well placed on Upper Zone I production 12/14/71.

18. I hereby certify that the foregoing is true and correct

SIGNED

P. Noser
P. Noser

TITLE

Engineer

DATE

3/2/72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JPN/njh

*See Instructions on Reverse Side

cc: USGS, State, Franques, Broussard, Hurlbut, WIO, File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424
5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

MCU #C-18

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SE NW Sec. 11, T41S, R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P. O. Dr. 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1830' FNL & 2040' FWL, Sec. 11, T41S, R24E SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4450' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subsequent Report of Recompletion of Desert Creek Zone I and Squeezing of Zone II

4/4/72 Squeezed all perfs 5269-5406' with 400 sacks Class 'C' Cement.

4/8/72 Drilled out to 5340'. Perf'd, acidized and block squeezed at 5325-29' and 5238-42'.

4/14/72 Drilled out to 5325'. Perf'd Desert Creek Zone I at 5269-83', 87-92, 94-97, 5304-09' with 2 jets per ft. Treated with 6000 gal 28% acid in three equal stages with 500 gal Unibead Mothball plugs between stages.

Production prior to workover 20 BO, 7 BWP, 26% cut.

Production 4/18/72 244 BO, 21 BWP 8.0% cut

Production 4/24/72 242 BO, 80 BWP 25% cut

Note: Contrary to "Notice of Intent" the Ismay Zone will not be completed at this time.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE District Engineer

DATE

D. D. Kingman

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OGC/nh

xc: State, USGS, Franques, Broussard, Smith, Johnson, Reverse Side
WIO, File

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

January 14, 1985

Utah Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Dianne Nielson, Director

RECEIVED

FEB 01

DIVISION OF OIL
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, Mobil Oil Corporation has entered into a Services Agreement with Superior Oil Companies for the purpose of performing comprehensive business management and related administrative services. To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

PERMITS ONLY

Mobil Oil Corporation
P.O. Box 5444
Denver, Colorado 80217-5444
Attention: R. D. Baker

(303) 298-2577

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,

R. D. Baker

R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

BEFORE THE BOARD OF OIL AND GAS CONSERVATION
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION
OF CONTINENTAL OIL COMPANY FOR
PERMISSION TO DISPOSE OF SALT WATER,
BRACKISH WATER AND OTHER WATER UNFIT
FOR DOMESTIC, LIVESTOCK, IRRIGATION OR
OTHER GENERAL USES INTO THE COCONINO
FORMATION THROUGH WHITE MESA UNIT WELL
NO. 36, SAN JUAN COUNTY, UTAH

O R D E R

Cause No. 135-1

This cause, pursuant to the Application of Continental Oil Company, came on for hearing before the Board of Oil and Gas Conservation in and for the State of Utah at 10:00 a.m., Wednesday, April 16, 1969, in the offices of the Board at 1588 West North Temple, Salt Lake City, Utah. The following Board Members were present:

Honorable D. M. Draper, Jr., Chairman
Honorable C. R. Henderson, Board Member
Honorable G. N. Cardon, Board Member
Honorable R. R. Norman, Board Member
Honorable W. D. Yardley, Board Member

Kent R. Olson, Attorney, Denver, Colorado, was introduced to the Board by Steve Boyden, Attorney, Salt Lake City, Utah, and appeared on behalf of Applicant, Continental Oil Company. William Werrell, Flagstaff, Arizona, appeared on behalf of the U. S. Geological Survey. Cato M. Sells, Flagstaff, Arizona, appeared on behalf of the Navajo Tribe. Sheridan L. McGarry, Assistant Attorney General, appeared on behalf of the State of Utah. Also present were Cleon B. Feight and Paul W. Burchell, staff members of the Board of Oil and Gas Conservation in and for the State of Utah.

Mr. Olson requested that the Application be amended by inserting the word "protect" between the words "and" and "the" on page 4, paragraph 12, thereof.

Oral and documentary evidence was introduced on behalf of Continental Oil Company in support of its Application.

FINDINGS AND CONCLUSIONS

Based upon the evidence presented, the Board finds and concludes that:

1. Applicant is the unit operator under the White Mesa Unit Agreement covering, among other property, Section 34, Township 41 South, Range 24 East, S.L.B.M., San Juan County, Utah. All of said Section 34 lies within the White Mesa Unit, and all of the lands comprising said Unit are leased from the Navajo Tribe.
2. Applicant proposes to inject briny water into the Coconino formation through Well No. 36, which is located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of said Section 34.
3. The Coconino formation at the point of injection is a porous formation with water in it having a salinity of approximately 24,000 ppm. At this point, the top of said formation lies at a depth of 2,549 feet and the bottom is at 2,775 feet.
4. According to Applicant's proposed casing program, the Coconino formation will be block squeezed with cement in Well No. 36 to prevent migration of fluid between the outside of the casing and the formation above and below the Coconino formation. The section of casing between 2,560 feet and 2,770 feet will be perforated with 43 shots. Water will be prevented from traveling both down the hole below the Coconino formation by a permanent bridge plug and a cement plug and up the hole above said formation by a packer. The casing-tubing annulus above the packer will be filled with inhibited water to prevent corrosion. In the event of a packer failure, a pressure-vacuum gauge on the casing-tubing annulus will immediately disclose a communication by an increase or decrease in the gauge reading.
5. Since the packer will isolate the casing-tubing annulus, it will not be necessary to hydrostatically test the casing.

6. The source of the water to be injected is from the Desert Creek formation in the White Mesa Unit, which water has a salinity of approximately 75,000 ppm.

7. The estimated maximum amount of water to be injected daily into the Coconino formation, in the event all produced water is pumped into said Well No. 36, will be 7,500 barrels. Since Applicant contemplates that 2,000 barrels of such daily maximum amount of water will be reinjected into the subzone I of the Desert Creek formation, approximately 5,500 barrels of water would be injected daily into the Coconino formation. The approximate injection pressure at the surface of said Well No. 36 will be 1,500 psi.

8. The water presently in the Coconino formation at the point of injection and the water to be disposed of through Well No. 36 is unfit for domestic, livestock, irrigation or other general uses.

9. There is no method of disposing of such water into the White Mesa Unit other than by underground disposal if the pollution and surface damage problems mentioned in the Board's Rule C-17 are to be avoided.

10. The Coconino formation at the point of injection is so situated that the injected water will not migrate vertically since it is separated by the Moenkopi formation on top and the Organ Rock formation below, both of said formations consisting of impervious shales and siltstones.

11. The proposed method of injecting water into the Coconino formation will result in a displacement of water of approximately 700 feet from the well bore of said Well No. 36. Since the nearest point in the White Mesa Unit is 6,700 feet from said Well No. 36, the proposed injection volume will not closely approach the Unit boundary.

12. The Coconino formation is the only porous formation in the White Mesa Unit with saline water in it which is acceptable for use as a disposal formation.

13. The proposed disposal of water into the Coconino formation through said Well No. 36 will not cause damage to any water useful for domestic, livestock, irrigation or other general uses nor will such disposal cause damage to any oil, gas, or other minerals.

14. Applicant's disposal program will adequately prevent waste and protect the property rights of other owners.

15. Notice of the hearing was published in the Salt Lake Tribune and the San Juan Record. Applicant served by registered mail copies of its Application to the following persons who are the only persons having record interests in lands situated within a radius of one-half mile of said Well No. 36:

Aztec Oil and Gas Company
Attn: Mr. Prentice Watts
2000 First National Bank Bldg.
Dallas, Texas

Humble Oil and Refining Company
Attn: Mr. J. Roy Dorrough
P. O. Box 120
Denver, Colorado

Phillips Petroleum Company
Attn: Mr. A. F. Bertuzzi
219 Frank Phillip Bldg.
Bartlesville, Oklahoma 74003

Attn: Mr. R. A. Burt
1300 Security Life Bldg.
Denver, Colorado 80202

Superior Oil Company
Attn: Mr. D. D. Kingman
P. O. Drawer G
Cortez, Colorado

Attn: Mr. M. U. Broussard
P. O. Box 1521
Houston, Texas 77001

Union Oil Company of California
Attn: Mr. H. Simpson
P. O. Box 1611
Casper, Wyoming

William P. Quan
800 Denver Club Building
Denver, Colorado 80202

O R D E R

THEREFORE, IT IS ORDERED that the plan of disposal of waste water set out in the Application, as amended, and in the above Findings and Conclusions should be and the same is hereby approved, and the Applicant, Continental Oil Company, is authorized to proceed with and under such plan.


IT IS FURTHER ORDERED that the Board retains jurisdiction of this cause to make such further order or orders, if any, as may be reasonable and proper in the light of conditions and information developed in the future.

Dated this 16 day of April, 1969.

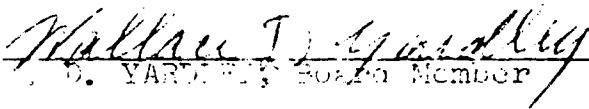
THE BOARD OF OIL AND GAS CONSERVATION
IN AND FOR THE STATE OF UTAH


D. M. DRAPER, JR., Chairman

C. R. HENDERSON, Board Member


G. N. CARDON, Board Member


R. R. NORMAN, Board Member


W. T. YARDELY, Board Member

CONTINENTAL OIL COMPANY
PRODUCTION RESEARCH DIVISION
Ponca City, Oklahoma
WATER ANALYSIS REPORT

Company Continental Oil Company
Well Navajo C-18
Field White Mesa
State Utah County San Juan
Sample Source DST

Date 9-7-60 No. W-4644
Formation DeChelly-Permian
Depth 3,230'-3,330'
Date Collected 7-23-60
Requested By T. N. Weathers

Specific Gravity at 60° F. 1.016
Resistivity at 74 °F. 0.312 Ohm-Meters
pH 7.77

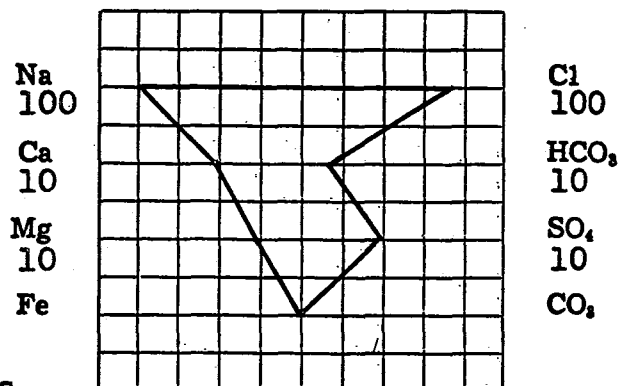
PPM

Total Dissolved Salts 23,560
Hydrogen Sulfide. Nil
Chlorides 12,800
Sulfates 892
Carbonates Nil
Bicarbonates 428
Free Hydroxyl
Langelier Index -0.5 at 72°F. Indicates
No CaCO₃ scale

PPM

Sodium 9,100
Potassium 26
Magnesium 136
Calcium 439
Iron (Total) 1 (Dissolved) Nil
Suspended Solids est. Nil

**WATER ANALYSIS PATTERN
SCALE MEQ/UNIT**



Remarks: Analysis to help determine if this water is suitable for flooding the Desert Creek formation. Calculations indicate this water should be free of calcium carbonate precipitation to a temperature of about 140°F.

BLC-KW
Copies to:
WEG-TNW-JWT-REW-HDH-JRS-GHG-JCA-GJH-File

Analysis by CMG

J. E. Landers
J. E. Landers

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-5448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME
MCELMO CREEK

8. FARM OR LEASE NAME

9. WELL NO.
C-18

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 11, T41S, R24E, SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

DF: 4549'

12. COUNTY OR PARISH 13. STATE
SAN JUAN UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

CONVERT TO INJECTION

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. MIRU workover rig. POOH w/ rods and pump. ND wellhead. NU and test BOP's. POOH w/ tubing.
2. Run bit and 5-1/2" casing scraper to PBTD of 5325'. POOH.
3. RIH w/ packer and set @ 5230'+. Acidize Desert Creek Zone I w/ 1500 gals 28% HCl + additives.
4. Swab back load. POOH, laying down 2-7/8" tubing.
5. RIH w/ 2-3/8" x 5-1/2" CO2 injection packer and 2-3/8" PC tubing. Set pkr @ 5230'+ and place well on injection.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. C. Collins

TITLE Sr Staff Op Engr

DATE 1.30.86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Pressure test casing prior to injection.

*See Instructions on Reverse Side

ATTACHMENT 1

RULE I-5: Application for Approval of Class II Injection Wells

(a) See attached Form DOGM-UIC-1.

(b) (1) See attached land plat.

(2) See attached Form DOGM-UIC-2.

(3) See attached wellbore sketch.

(4) i. The intervening thickness between the proposed injection interval and the deepest fresh water sand is over 4000'. All fresh water sands are behind 8-5/8" surface casing which has been cemented around the shoe with cement to surface. Five and one half inch production casing was run to TD and cemented around the shoe with an calculated top of 4402'. Annular pressures will be monitored to insure no behind pipe communication occurs.

ii. Maximum Surface Pressure: 3100 psi
Maximum Injection Rate: 500 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1179	Shale
DeChelly	2394	Sandstone
Organ Rock	2548	Shale
Hermosa	4313	Limestone
Ismay	5118	Limestone
Gothic	5257	Shale
Desert Creek	5266	Limestone

(5) i. A throttling valve or choke will be installed at the well to control injection rates.

ii. The source of injection water will be Superior's production wells within the McElmo Creek Unit. These wells produce from the Ismay and Desert Creek formations with approximate depths of 5500' and 5600' respectively. Additional water will be obtained from shallow fresh water wells along the San Juan River. This well is also scheduled to begin carbon dioxide injection January 1, 1988. The CO2 will be purchased from Shell Oil Company's Howenweep facility in the McElmo Dome field in Montezuma and Dolores, Counties, Colorado.

McElmo Creek Unit C-18

iii. The analysis of injection water is as follows (ppm):

pH:	6.0	Ca:	5,520	SO4:	990
Cl:	45,000	Mg:	1,340	H2S:	52
Fe:	0	HCO3:	236	Ba:	0
CaCO3:	19,300	CO3:	0		
Specific Gravity:	1.048				

A current analysis of the injection CO2 is as follows (% Mol Wgt):

CO2:	98.361	CH:	0.132	N2:	1.507
------	--------	-----	-------	-----	-------

iv. The proposed injection zone is the Desert Creek formation. The zone is carbonate consisting of limestone, anhydrite and dolomite. This formation extends throughout the Paradox Basin and is underlain by the Chimney Rock Shale and overlain by the Gothic Shale.

v. All fresh water zones are behind surface casing.

vi. The analysis of the Desert Creek Formation water is as follows (ppm):

pH:	6.4	Ca:	6,800	SO4:	250
Cl:	42,000	Mg:	1,240	H2S:	49
Fe:	0	HCO3:	266	Ba:	0
CaCO3:	17,000	CO3:	0		
Specific Gravity:	1.046				

- (6) If the proposed injection well must be shut-in, the producing wells can also be shut-in.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) There are no defective wells in the area.
- (10) N/A.

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE 1-5 & RULE 1-4)

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF

Mobil Oil Corp as Agent for Superior Oil CAUSE NO. _____

ADDRESS P.O. Drawer 16
Cortez Co ZIP 81321

INDIVIDUAL ☐ PARTNERSHIP ☐ CORPORATION ☒

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE C-18 WELL

SEC. 11 TWP. 41S RANGE 24E
San Juan COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐
LP GAS STORAGE ☐
EXISTING WELL (RULE 1-4) ☐

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule 1-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>McElmo Creek Unit</u>	Well No. <u>MCU C-18</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery <u>1820 FNL, 2040 FNL</u> Injection or Disposal Well Sec. <u>11</u> Twp. <u>41S</u> Rge. <u>24E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1240</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Oil - Gas</u>
Location of Injection Source(s) <u>Production wells within McElmo Creek Unit</u>	Geologic Name(s) and Depth of Source(s) <u>Ism24 5500'</u> <u>Desert Creek 5600'</u>		
Geologic Name of Injection Zone <u>Desert Creek</u>		Depth of Injection Interval <u>5269 to 5309</u>	
a. Top of the Perforated Interval: <u>5269</u>	b. Base of Fresh Water: <u>1179</u>	c. Intervening Thickness (a minus b) <u>4090</u>	
Is the Intervening thickness sufficient to show fresh water will be protected without additional data? <u>YES</u>			
Lithology of Intervening Zones <u>See Item 4(ii) on Attachment I</u>			
Injection Rates and Pressures Maximum <u>500</u> B/D <u>3100</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Phillips Petroleum Co., P.O. Box 1150, Cortez Co 81321</u> <u>The Navajo Tribe, Window Rock, AZ 85616</u>			

State of Colorado

County of Montezuma

Before me, the undersigned authority, on this day personally appeared _____
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on
oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated
therein, and that said report is true and correct.

Suscribed and sworn to before me this 3rd day of Feb, 1986

SEAL

My commission expires 9/9/89

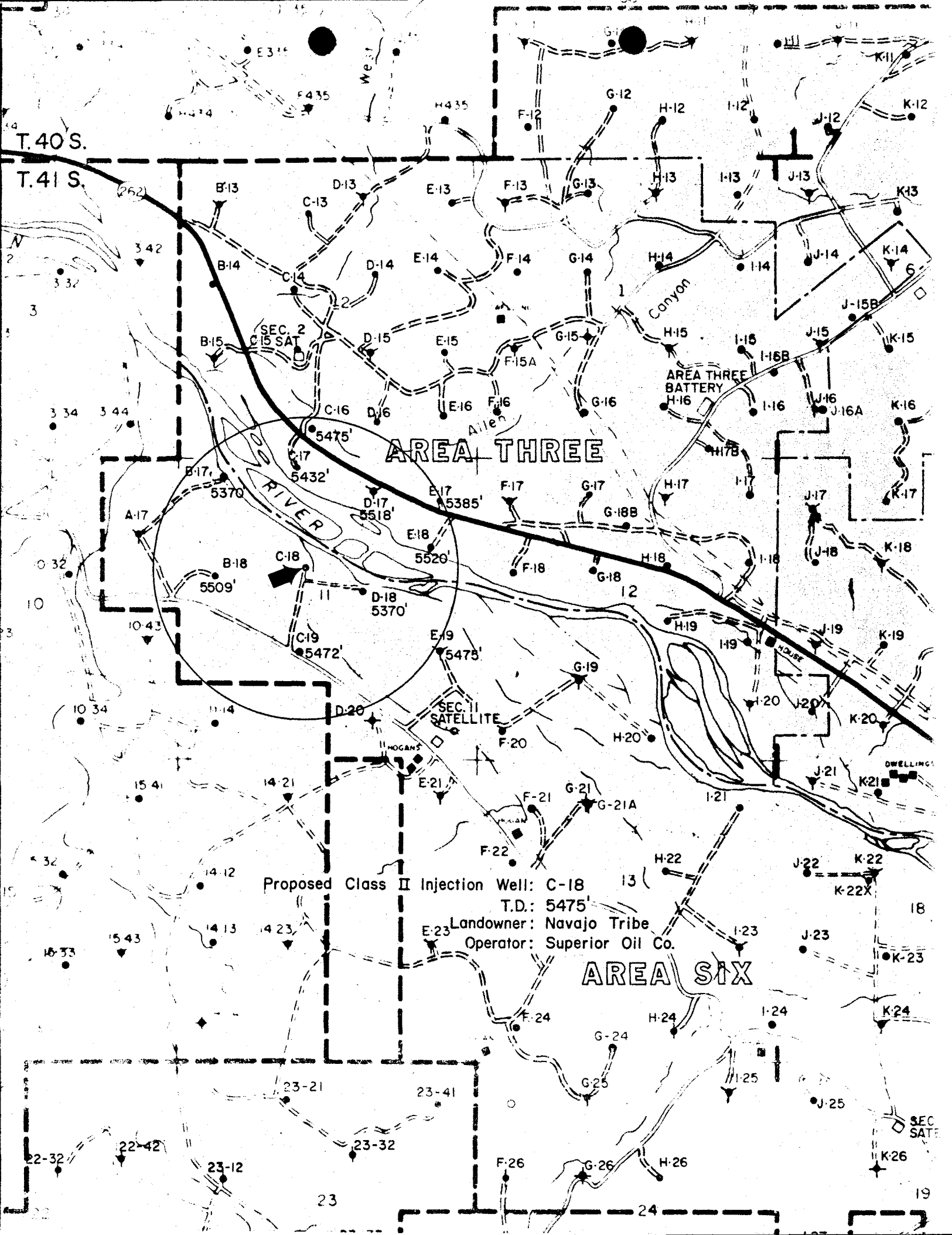
Notary Public in and for Colo

(OVER)

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	8 5/8	1198	Unknown	Surface	Cement Returns
Intermediate					
Production	5 1/2	5474	232	4402	Estimated
Tubing	2 3/8	5230	Name - Type - Depth of Tubing Packer Retrievable 5230		
Total Depth 5475	Geologic Name - Inj. Zone Desert Creek		Depth - Top of Inj. Interval 5269'		Depth - Base of Inj. Interval 5309'



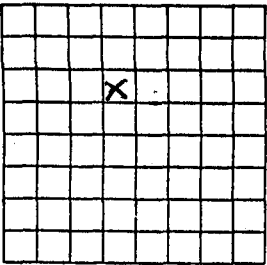
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY San Juan SEC. 11 TWP. 41S RGE. 24E
COMPANY OPERATING Mobil Oil as Agent for Superior
OFFICE ADDRESS P.O. Drawer G
TOWN Cortez STATE CO ZIP 81321
FARM NAME McElmo Creek Unit WELL NO. C-18
DRILLING STARTED 10.5.60 DRILLING FINISHED 19
DATE OF FIRST PRODUCTION 11.13.60 COMPLETED 11.13.60
WELL LOCATED NE 1/4 SE 1/4 NW 1/4
820 FT. FROM SL OF 1/4 SEC. & 2040 FT. FROM WL OF 1/4 SEC.
ELEVATION DERRICK FLOOR 4549 GROUND 4539



Locate Well Correctly
and Outline Lease

TYPE COMPLETION

Single Zone ✓
Multiple Zone _____
Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>Irma</u>	<u>5118</u>	<u>5257</u>			
<u>Desert Creek</u>	<u>5266</u>	<u>5475</u>			

CASING & CEMENT

Casing Set				Csg. Test		Cement	
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
<u>8 5/8</u>	<u>24</u>	<u>JSS</u>	<u>1198</u>	<u>No</u>	<u>Unkn</u>	<u>305</u>	<u>Surface</u>
<u>5 1/2</u>	<u>14</u>	<u>JSS</u>	<u>5474</u>	<u>No</u>	<u>232</u>	<u>948</u>	<u>4402</u>

TOTAL DEPTH 5475

PACKERS SET
DEPTH Unknown

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	<u>Desert Creek</u>		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	<u>Enhanced Recovery</u>		
PERFORATED	<u>5268/5404</u>		
INTERVALS			
ACIDIZED?	<u>7000 gal HCl</u>		
FRACTURE TREATED?	<u>No</u>		

INITIAL TEST DATA

Date _____
Oil, bbl./day _____
Oil Gravity _____
Gas, Cu. Ft./day _____
Gas-Oil Ratio Cu. Ft./Bbl. _____
Water-Bbl./day _____
Pumping or Flowing _____
CHOKE SIZE _____
FLOW TUBING PRESSURE _____

<u>No Records</u>		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 565-2209

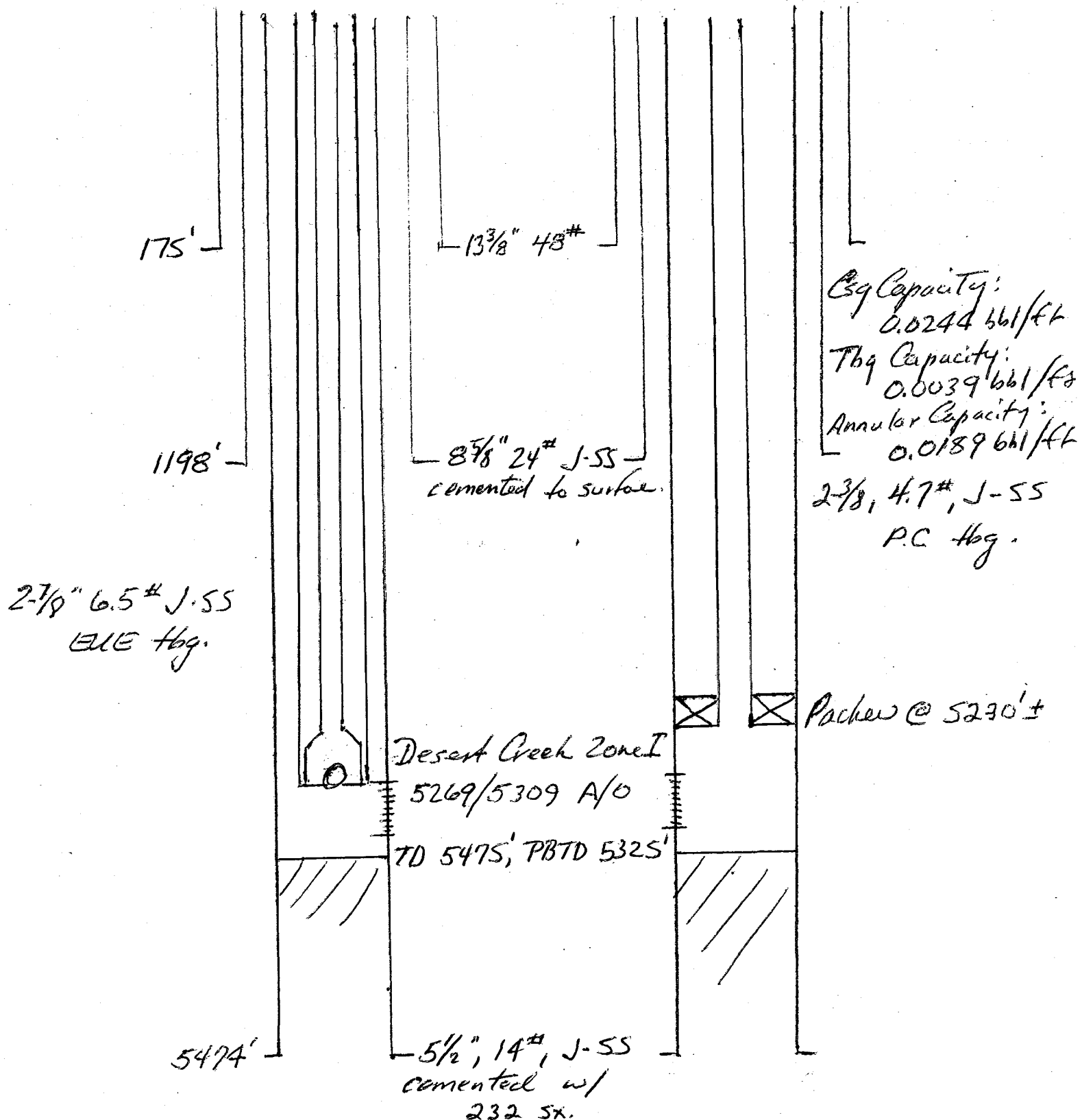
Name and title of representative of company

Subscribed and sworn before me this 3rd day of Feb, 19 85

McElmo Creek Unit C-18
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

CURRENT

PROPOSED





STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 13, 1986

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

Gentlemen:

RE: UIC-076

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 20th day of February. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
- Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 13, 1986

San Juan Record
Legal Advertizing
Monticello, Utah 84535

Gentlemen:

RE: UIC-076

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

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Very truly yours,
DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A

Publication was sent to the following:

Phillips Oil Company
PO Box 2920
Casper, Wyoming 82602

Texaco Incorporated
PO Box EE
Cortez, Colorado 81321

Navajo Indian Tribe
Window Rock, Arizona 84615

Utah State Department of Health
Water Pollution Control
Attn: Loren Morton
4241 State Office Building
Salt Lake City, Utah 84114

U.S. Environmental Protection Agency
Suite 1300
Attn: Mike Strieby
999 18th Street
Denver, Colorado 80202-2413

Bureau of Land Management
Consolidated Financial Center
324 South State Street
Salt Lake City, Utah 84111-2303

Superior Oil Company through its agent
Mobil Oil Corporation
PO Drawer G
Cortez, Colorado 81321

Newspaper Agency
Legal Advertising
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

San Juan Record
Legal Advertising
Monticello, Utah 84535

AFFIDAVIT OF PUBLICATION

Public notice

BEFORE THE DIVISION OF
OIL, GAS AND MINING
DEPARTMENT OF
NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF MOBILE OIL CORPORATION AS AGENT FOR SUPERIOR OIL COMPANY FOR ADMINISTRATIVE APPROVAL TO INJECT FLUID INTO CONVERTED ENHANCED RECOVERY INJECTION WELLS LOCATED IN SECTIONS 31, 32, & 33, TOWNSHIP 40 SOUTH, RANGE 25 EAST; SECTION 4, TOWNSHIP 41 SOUTH, RANGE 25 EAST; AND SECTIONS 1 AND 11, TOWNSHIP 41 SOUTH, RANGE 24 EAST, SAN JUAN COUNTY, UTAH

CAUSE NO. UIC-076

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER:

Notice is hereby given that Superior Oil Company through its Agent, Mobile Oil Corporation, P.O. Drawer G, Cortez, Colorado, 81321, has requested administrative approval from the Division to convert the following listed wells to enhanced recovery injection wells:

McELMO CREEK UNIT

C-18, Sec. 11, T41S, R24E

Q-10, Sec. 32, T40S, R25E

R-09, Sec. 33, T40S, R25E

M-10, Sec. 31, T40S, R25E

O-10, Sec. 32, T40S, R25E

I-14, Sec. 1, T41S, R24E

U-16, Sec. 4, T41S, R25E

S-16, Sec. 4, T41S, R25E

INJECTION INTERVAL: Desert Creek Formation, 5269' to 5825'

MAXIMUM ESTIMATED SURFACE PRESSURE: 3100 psig.

MAXIMUM ESTIMATED WATER INJECTION RATE: 500-2000 BWPD/WELL

Approval of this Application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC, Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 10th day of February, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON,
Administrative Assistant
Published in The San Juan Record
February 19, 1986.

I, Joyce Martin, being duly sworn,

depose and say that I am the publisher of the San Juan Record, a weekly newspaper of general circulation published at Monticello, Utah, every Wednesday; that notice of application to convert wells to enhanced recovery injection wells, Cause No. UIC-076 a copy of which is hereunto attached, was published in the regular and entire issue of each number of said newspaper for a period of one issues, the first publication having been made on February 19, 1986. and the last publication having been made on

Signature

Joyce A. Martin
Publisher

Subscribed and sworn to before me this 19th

day of February, A.D. 1986.

David K. Adams
Notary Public
Residing at Monticello, Utah

My commission expires December 2, 1987



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 7, 1986

Mobil Oil Corporation-agent for
Superior Oil Company
P.O. Drawer G
Cortez, Colorado 81321

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-076

Administrative approval is hereby granted to convert the
following wells to Class II enhanced recovery water injection wells:

McELMO CREEK UNIT-SAN JUAN COUNTY, UTAH

<u>WELL NAME</u>	<u>LOCATION</u>	<u>WELL NAME</u>	<u>LOCATION</u>
M-10,	Sec. 31, T40S, R25E	I-14,	Sec. 1, T41S, R24E
Q-10,	Sec. 32, T40S, R25E	C-18,	Sec. 11, T41S, R24E
O-10,	Sec. 32, T40S, R25E	U-16,	Sec. 4, T41S, R25E
R-09,	Sec. 33, T40S, R25E	S-16,	Sec. 4, T41S, R25E

This approval is conditional upon full compliance with the UIC
rules and regulations adopted by the Board of Oil, Gas and Mining,
and construction and operation of the well as outlined in the
application submitted.

If you have any questions concerning this matter, please do not
hesitate to call or write.

Best regards,

Dianne R. Nielson
Director

mfp
7627U

Affidavit of Publication

RECEIVED
MAR 05 1986

STATE OF UTAH,

SS.

County of Salt Lake

DIVISION OF
OIL, GAS & MINING

CAUSE NO. UIC-076
BEFORE THE DIVISION OF
OIL, GAS AND MINING
DEPARTMENT OF
NATURAL RESOURCES
STATE OF UTAH
IN THE MATTER OF THE AP-
PLICATION OF MOBIL OIL
CORPORATION AS AGENT
FOR SUPERIOR OIL COMPA-
NY FOR ADMINISTRATIVE
APPROVAL TO INJECT FLUID
INTO CONVERTED EN-
HANCED RECOVERY INJEC-
TION WELLS LOCATED IN
SECTIONS 31, 32, & 33, TOWNSHIP
40 SOUTH, RANGE 25
EAST; SECTION 4, TOWNSHIP
41 SOUTH, RANGE 25 EAST;
AND SECTIONS 1 AND 11,
TOWNSHIP 41 SOUTH, RANGE
24 EAST, SAN JUAN COUNTY,
UTAH.
THE STATE OF UTAH TO
ALL INTERESTED PARTIES IN
THE ABOVE ENTITLED MAT-
TER.

Notice is hereby given that
Superior Oil Company through
its Agent, Mobil Oil Corporation,
P.O. Drawer G, Cortez, Colora-
do, 81321, has requested ad-
ministrative approval from the
Division to convert the follow-
ing listed wells to enhanced re-
covery injection wells:

McELMO CREEK UNIT
C-18, Sec. 11, T41S, R24E
Q-10, Sec. 32, T40S, R25E
R-09, Sec. 33, T40S, R25E
M-10, Sec. 31, T40S, R25E
O-10, Sec. 32, T40S, R25E
I-14, Sec. 1, T41S, R24E
U-14, Sec. 4, T41S, R25E
S-14, Sec. 4, T41S, R25E
INJECTION INTERVAL: Desert
Creek Formation, 5269' to 5825'
MAXIMUM ESTIMATED SUR-
FACE PRESSURE: 3100 psig
MAXIMUM ESTIMATED WAT-
ER INJECTION RATE: 500-
2000 BWPD/WELL

Approval of this Application
will be granted unless objec-
tions are filed with the Division
of Oil, Gas and Mining within fif-
teen days after publication of
this Notice. Objections, if any,
should be mailed to the Division
of Oil, Gas and Mining, Atten-
tion: UIC Program Manager,
355 West North Temple, 3 Triad
Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 10th day of Feb-
ruary, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant
E-30

Cheryl Gierloff

Being first duly sworn, deposes and says that he/she is
legal advertising clerk of THE SALT LAKE TRIBUNE,
a daily newspaper printed in the English language with
general circulation in Utah, and published in Salt Lake
City, Salt Lake County, in the State of Utah, and of the
DESERET NEWS, a daily newspaper printed in the
English language with general circulation in Utah, and
published in Salt Lake City, Salt Lake County, in the
State of Utah.

That the legal notice of which a copy is attached hereto

Cause No. UIC-076 Application of Mobil Oil

Corp.

wa

r on

Cheryl Gierloff
Legal Advertising Clerk

Subscribed and sworn to before me this 3rd day of

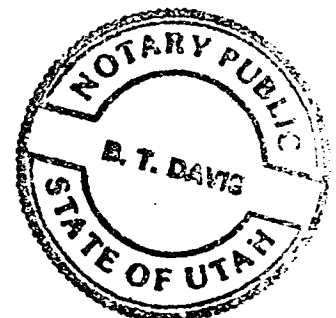
March A.D. 1986

B. J. Davis

Notary Public

My Commission Expires

March 1, 1988



BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

-----oo0oo-----
IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-076
OF MOBIL OIL CORPORATION AS AGENT :
FOR SUPERIOR OIL COMPANY FOR :
ADMINISTRATIVE APPROVAL TO INJECT :
FLUID INTO CONVERTED ENHANCED :
RECOVERY INJECTION WELLS LOCATED :
IN SECTIONS 31, 32, & 33, TOWNSHIP :
40 SOUTH, RANGE 25 EAST; SECTION :
4, TOWNSHIP 41 SOUTH, RANGE 25 :
EAST; AND SECTIONS 1 AND 11, :
TOWNSHIP 41 SOUTH, RANGE 24 EAST, :
SAN JUAN COUNTY, UTAH

-----oo0oo-----

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Superior Oil Company through its
Agent, Mobil Oil Corporation, P.O. Drawer G, Cortez, Colorado, 81321,
has requested administrative approval from the Division to convert the
following listed wells to enhanced recovery injection wells:

McELMO CREEK UNIT

C-18, Sec. 11, T41S, R24E	I-14, Sec. 1, T41S, R24E
Q-10, Sec. 32, T40S, R25E	U-16, Sec. 4, T41S, R25E
R-09, Sec. 33, T40S, R25E	S-16, Sec. 4, T41S, R25E
M-10, Sec. 31, T40S, R25E	
O-10, Sec. 32, T40S, R25E	

INJECTION INTERVAL: Desert Creek Formation, 5269' to 5825'
MAXIMUM ESTIMATED SURFACE PRESSURE: 3100 psig
MAXIMUM ESTIMATED WATER INJECTION RATE: 500-2000 BHPD/WELL

Approval of this Application will be granted unless objections are
filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 10th day of February, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING


MARJORIE L. ANDERSON
Administrative Assistant

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
 FOR THE CORTEZ SUPERVISOR AREA
 FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL A TYPE T	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	C-14	SAN JUAN	UT	SE	NW	2-41S-24E	PROD OP	43-037-16265	14-20-603-6509		96-004190
	C-15	SAN JUAN	UT	NE	SW	2-41S-24E	PROD OP	43-037-30384	14-20-603-6508		96-004190
	C-16	SAN JUAN	UT	SE	SW	2-41S-24E	PROD OP	43-037-16266	14-20-603-6508		96-004190
	C-17	SAN JUAN	UT	NE	NW	11-41S-24E	PROD OP	43-037-30385	14-20-603-5448		96-004190
	C-18	SAN JUAN	UT	SE	NW	11-41S-24E	PROD OP	43-037-15702	14-20-603-5448		96-004190
	C-19	SAN JUAN	UT	NE	SW	11-41S-24E	PROD OP	43-037-15703	14-20-603-5448		96-004190
	D-13	SAN JUAN	UT	NW	NE	2-41S-24E	INJ OP	43-037-16267	14-20-603-6510		96-004190
	D-14	SAN JUAN	UT	SW	NE	02-41S-24E	PROD OP	43-037-30386	14-20-603-6510		96-004190
	D-15	SAN JUAN	UT	NW	SE	2-41S-24E	INJ OP	43-037-05656	14-20-0603-6147		96-004190
	D-16	SAN JUAN	UT	SW	SE	02-41S-24E	PROD OP	43-037-30387	14-20-0603-6147		96-004190
	D-17	SAN JUAN	UT	NW	NE	11-41S-24E	INJ OP	43-037-15704	14-20-603-5447		96-004190
	D-18	SAN JUAN	UT	SW	NE	11-41S-24E	PROD OP	43-037-30256	14-20-603-5447		96-004190
	D-20	SAN JUAN	UT	SW	SE	22-41S-25E	PROD TA	43-037-15615	14-20-603-5449		96-004193
	E-13	SAN JUAN	UT	NE	NE	02-41S-24E	PROD OP	43-037-30388	14-20-603-6510		96-004190
	E-14	SAN JUAN	UT	SE	NE	02-41S-24E	PROD OP	43-037-16268	14-20-603-6510		96-004190
	E-15	SAN JUAN	UT	NE	SE	02-41S-24E	PROD OP	43-037-30389	14-20-0603-6147		96-004190
	E-16	SAN JUAN	UT	SE	SE	02-41S-24E	PROD OP	43-037-15616	14-20-0603-6147		96-004190
	E-17	SAN JUAN	UT	NE	NE	11-41S-24E	PROD OP	43-037-30390	14-20-603-4039		96-004190
	E-18	SAN JUAN	UT	SE	NE	11-41S-24E	PROD OP	43-037-15706	14-20-603-5447		96-004190
	E-19	SAN JUAN	UT	NE	SE	11-41S-24E	INJ OP	43-037-16342	14-20-603-5449		96-004190
	E-20	SAN JUAN	UT	SE	SE	11-41S-24E	COMP	43-037-31057	14-20-603-5449		96-004190
	E-21	SAN JUAN	UT	NE	NE	14-41S-24E	INJ OP	43-037-16343	14-20-603-370		96-004190
	E-23	SAN JUAN	UT	NE	SE	14-41S-24E	INJ OP	43-037-16344	14-20-603-370		96-004190
	F-11	SAN JUAN	UT	NW	SW	36-40S-24E	INJ OP	43-037-05743	14-20-0603-6146		96-004190
	F-12	SAN JUAN	UT	SW	SW	36-40S-24E	PROD OP	43-037-30380	14-20-0603-6146		96-004190
	F-13	SAN JUAN	UT	NW	NW	01-41S-24E	INJ OP	43-037-16345	14-20-603-4032		96-004190
	F-14	SAN JUAN	UT	SW	NW	01-41S-24E	PROD OP	43-037-30255	14-20-603-4032		96-004190
	F-15A	SAN JUAN	UT	NW	SW	1-41S-24E	INJ OP	43-037-31149	14-20-603-4032		96-004190
	F-16	SAN JUAN	UT	SW	SW	01-41S-24E	PROD OP	43-037-30381	14-20-603-4032		96-004190
	F-17	SAN JUAN	UT	NW	NW	12-41S-24E	INJ OP	43-037-15493	14-20-603-4039		96-004190

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back into different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-5448
2. NAME OF OPERATOR Mobil Oil Corporation	6. IF INDIAN, ALLOTTEE OR TRIBE NAME 051403 NADATO POW
3. ADDRESS OF OPERATOR P.O. Drawer G, Cortez, Co 81329	7. UNIT AGREEMENT NAME McElmo Creek
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1820' FNL, 2040 FWL	8. FARM OR LEASE NAME -
14. PERMIT NO. 43-037-15700	9. WELL NO. C-18
15. ELEVATIONS (Show whether DF, RT, OR, etc.) DF: 4549	10. FIELD AND POOL, OR WILDCAT Greater Aneth
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 11, T41S, R24E, SLM
	12. COUNTY OR PARISH San Juan
	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input checked="" type="checkbox"/>
(Other) <u>Convert to Injection</u>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It had originally been planned to convert the subject well to injection during late 1986 or early 1987. Due to economic conditions the work has been delayed and we now plan the work during early 1988. Mobil Oil Corporation therefore requests a one year extension on your approval to convert MCU C-18 to injection.

RECEIVED
BUREAU OF LAND MANAGEMENT
OIL, GAS, AND MINING
DATE: 4/22/87
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions
verse side)

Form approved
Budget Bureau No. 1-1-83
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

1. NAME OF OPERATOR

Mobil Oil Corporation

2. ADDRESS OF OPERATOR

P.O. Drawer G, Cortez, CO 81321

3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

1830' FNL, 2040' FWL

14. PERMIT NO.

43-037-15702

15. ELEVATIONS (Show whether SF, ST, GR, etc.)

DF: 4549'

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

C-18

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND
SUBSET OR AREA

Sec. 11, T41S, R24E, SLM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Reactivate Plans

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A previous application for conversion and a request for extension (attached) had been approved for the subject well with the 1 year extension expiring in April, 1988. This conversion work was not completed mainly due to budgetary and logistical constraints.

Presently, Mobil Oil Corporation requests reactivation of your previous approval with a one year extension on this application to convert McElmo Creek Unit Well # C-18 to Injection.

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 12-15-89

By: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

Operations Engineer

DATE

12-7-89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

Federal Approval of this
Action is Necessary

*See Instructions on Reverse Side

OIL AND GAS

OPM

JFB

DTS

J-TAS

1- GLH

3- MICROF

4- DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAUATO

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

C-18

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 11, T41S, R24E, SLM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Mobil Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Drawer G, Cortez, Co 81321 DIVISION OF

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1830'

~~1820'~~ FNL, 2040 FWL

APR 23 1987

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

DF: 4549

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON ☐

CHANGE PLANS ☒

Convert to Injection

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT ☐

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It had originally been planned to convert the subject well to injection during late 1986 or early 1987. Due to economic conditions the work has been delayed and we now plan the work during early 1988. Mobil Oil Corporation therefore requests a one year extension on your approval to convert MCU C-18 to injection.

FOR INFORMATION ONLY
THE ORIGINAL WAS SENT TO THE
APPROPRIATE REGULATORY AGENCY ON

J. DAWSON
C. EGGERMAN

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Sup Staff Up Engr

APPROVED

DATE

4/24/87

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

000485

*See Instructions on Reverse Side

OPERATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVARO

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

-

9. WELL NO.

C-18

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC. T. R. M., OR BLK. AND
SURVEY OR AREA

Sec 11, T41S, R24E, SLM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug a well or to construct a reservoir.
Use "APPLICATION FOR PERMIT" for such purposes.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Mobil Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Drawer G, Cortez, Co 81327

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1820' FNL, 2040 FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)
DF: 4549

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

Convert to Injection

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It had originally been planned to convert the subject well to injection during late 1986 or early 1987. Due to economic conditions the work has been delayed and we now plan the work during early 1988. Mobil Oil Corporation therefore requests a one year extension on your approval to convert MCU C-18 to injection.

FOR INFORMATION ONLY
THE ORIGINAL WAS SENT TO THE
APPROPRIATE REGULATORY AGENCY ON _____

J. DAWSON
C. EGGERMAN

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 4/22/87
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

004434

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1983

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

MOELMO CREEK

8. FARM OR LEASE NAME

9. WELL NO.

C-18

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 11, T41S, R24E, SLM

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

MOBIL OIL CORP AS AGENT OF SUPERIOR OIL

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

1820' FNL, 2040' FWL

RECEIVED

FEB 06 1986

14. PERMIT NO.

15. ELEVATIONS (Show whether at top of hole)

DF: 4549'

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

CONVERT TO INJECTION

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. MIRU workover rig. POOH w/ rods and pump. ND wellhead. NU and test BOP's. POOH w/ tubing.
2. Run bit and 5-1/2" casing scraper to PBTD of 5325'. POOH.
3. RIH w/ packer and set @ 5230'+. Acidize Desert Creek Zone I w/ 1500 gals 28% HCl + additives.
4. Swab back load. POOH, laying down 2-7/8" tubing.
5. RIH w/ 2-3/8" x 5-1/2" CO2 injection packer and 2-3/8" PC tubing. Set pkr @ 5230'+ and place well on injection.

FOR INFORMATION ONLY

THE ORIGINAL WAS SENT TO THE
APPROPRIATE REGULATORY AGENCY ON _____

J. DAWSON
C. EGGERMAN

18. I hereby certify that the foregoing is true and correct

SIGNED

D. C. Collins

(This space for Federal or State office use)

TITLE Sr Staff Op Engr

DATE

1.30.86

APPROVED

AS AMENDED

DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Suppl' & Sundry Notice
(form 3160-5) when conversion
operations are completed. *See Instructions on Reverse Side

TITLE

OPERATOR

FEB 14 1986

M. MILLENBACH
AREA MANAGER

ATTACHMENT 1

RULE I-5: Application for Approval of Class II Injection Wells

(a) See attached Form DOGM-UIC-1.

(b) (1) See attached land plat.

(2) See attached Form DOGM-UIC-2.

(3) See attached wellbore sketch.

(4) i. The intervening thickness between the proposed injection interval and the deepest fresh water sand is over 4000'. All fresh water sands are behind 8-5/8" surface casing which has been cemented around the shoe with cement to surface. Five and one half inch production casing was run to TD and cemented around the shoe with an calculated top of 4402'. Annular pressures will be monitored to insure no behind pipe communication occurs.

ii. Maximum Surface Pressure: 3100 psi
Maximum Injection Rate: 500 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1179	Shale
DeChelly	2394	Sandstone
Organ Rock	2548	Shale
Hermosa	4313	Limestone
Ismay	5118	Limestone
Gothic	5257	Shale
Desert Creek	5266	Limestone

(5) i. A throttling valve or choke will be installed at the well to control injection rates.

ii. The source of injection water will be Superior's production wells within the McElmo Creek Unit. These wells produce from the Ismay and Desert Creek formations with approximate depths of 5500' and 5600' respectively. Additional water will be obtained from shallow fresh water wells along the San Juan River. This well is also scheduled to begin carbon dioxide injection January 1, 1988. The CO2 will be purchased from Shell Oil Company's Howenweep facility in the McElmo Dome field in Montezuma and Dolores, Counties, Colorado.

McElmo Creek Unit C-18

iii. The analysis of injection water is as follows (ppm):

pH:	6.0	Ca:	5,520	SO4:	990
Cl:	45,000	Mg:	1,340	H2S:	52
Fe:	0	HCO3:	236	Ba:	0
CaCO3:	19,300	CO3:	0		
Specific Gravity:	1.048				

A current analysis of the injection CO2 is as follows (% Mol Wgt):

CO2:	98.361	CH:	0.132	N2:	1.507
------	--------	-----	-------	-----	-------

iv. The proposed injection zone is the Desert Creek formation. The zone is carbonate consisting of limestone, anhydrite and dolomite. This formation extends throughout the Paradox Basin and is underlain by the Chimney Rock Shale and overlain by the Gothic Shale.

v. All fresh water zones are behind surface casing.

vi. The analysis of the Desert Creek Formation water is as follows (ppm):

pH:	6.4	Ca:	6,800	SO4:	250
Cl:	42,000	Mg:	1,240	H2S:	49
Fe:	0	HCO3:	266	Ba:	0
CaCO3:	17,000	CO3:	0		
Specific Gravity:	1.046				

- (6) If the proposed injection well must be shut-in, the producing wells can also be shut-in.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) There are no defective wells in the area.
- (10) N/A.

004494

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE 1-5 & RULE 1-4)

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF

Mobil Oil Corp as Agent for Superior Oil CAUSE NO. _____

ADDRESS P.O. Drawer 9
Carter Co ZIP 81321

INDIVIDUAL _____ PARTNERSHIP _____ CORPORATION X

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE C.18 WELL

SEC. 11 TWP. 41S RANGE 24E
San Juan COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐
LP GAS STORAGE ☐
EXISTING WELL (RULE 1-4) ☐

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule 1-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>McElmo Creek Unit</u>	Well No. <u>MCU C.18</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery <u>1820 FNL, 2040 FNL</u>			
Injection or Disposal Well _____		Sec. <u>11</u>	Twp. <u>41S</u> Rge. <u>24E</u>
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1240</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>Oil - Gas</u>
Location of Injection Source(s) <u>Production wells within McElmo Creek Unit</u>	Geologic Name(s) and Depth of Source(s) <u>Ismay 5500'</u> <u>Desert Creek 5600'</u>		
Geologic Name of Injection Zone <u>Desert Creek</u>		Depth of Injection Interval <u>5269 to 5309</u>	
a. Top of the Perforated Interval: <u>5269</u>	b. Base of Fresh Water <u>1179</u>	c. Intervening Thickness (a minus b) <u>4090</u>	
Is the Intervening thickness sufficient to show fresh water will be protected without additional data? <u>YES</u> NO			
Lithology of Intervening Zones <u>See Item 4 (ii) on Attachment I</u>			
Injection Rates and Pressures Maximum <u>500</u> B/D <u>3100</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Phillips Petroleum Co., P.O. Box 1150, Carter Co 81321</u> <u>The Navajo Tribe, Window Rock, AZ 86516</u>			

State of _____

Applicant

County of _____

Before me, the undersigned authority, on this day personally appeared _____
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on
oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated
therein, and that said report is true and correct.

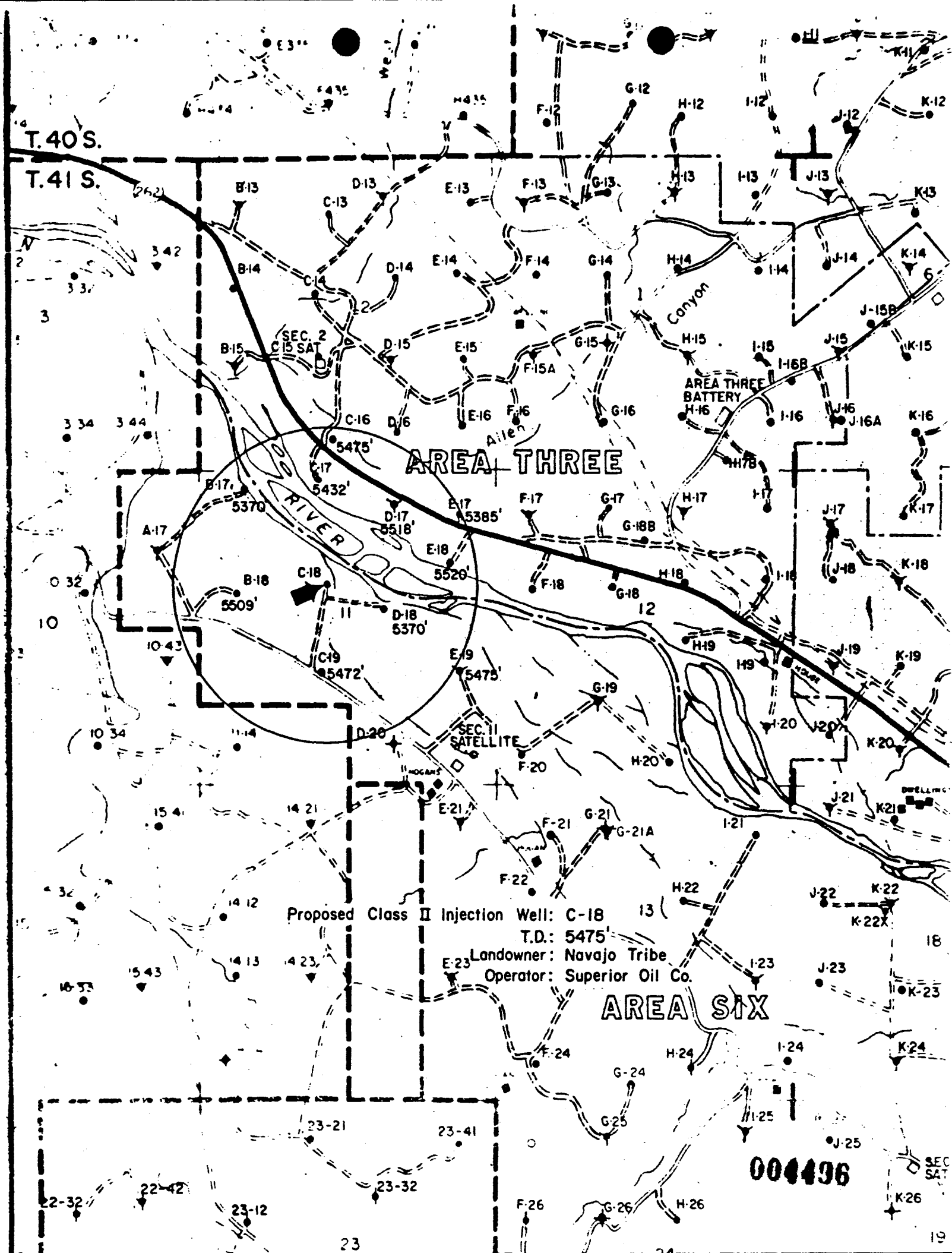
Suscribed and sworn to before me this _____ day of _____, 19 _____

004495

SEAL

My commission expires _____

Notary Public in and for _____



PLEASE TYPE OR USE BLACK INK ONLY

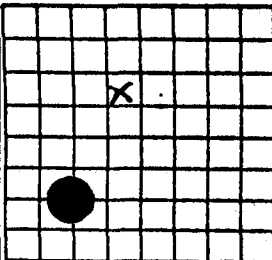
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

NO. _____

640 Acres
N



Locate Well Correctly
and Outline Lease

DIVISION OF OIL, GAS, AND MINING

Room 4241 State Office Building

Salt Lake City, Utah 84114

COUNTY San Juan SEC. 11 TWP. 41S RGE. 24E

COMPANY OPERATING Mobil Oil as Agent for Superior

OFFICE ADDRESS P.O. Drawer G

TOWN Porter STATE ZIP CO 81321

FARM NAME Melmo Creek Unit WELL NO. C-18

DRILLING STARTED 10.5.60 DRILLING FINISHED 11.13.60

DATE OF FIRST PRODUCTION _____ COMPLETED 11.13.60

WELL LOCATED NE 1/4 SE 1/4 NW 1/4

820 FT. FROM SL OF 1/4 SEC. & 2040 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 4549 GROUND 4539

TYPE COMPLETION

Single Zone K

Multiple Zone _____

Comingled _____

ATION EXCEPTION

OIL OR GAS ZONES

	From	To	Name	From	To
From May	5118	5257			
Desert Creek	5266	5475			

CASING & CEMENT

Casing Set				Ceg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Size	Fillup	Top
5 1/8	24	J55	1198	No	Unkn	305	Surface
5 1/2	14	J55	5474	No	232	948	4402

TOTAL DEPTH 5475

WORKERS SET

TH Unknown

THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

1

2

3

FORMATION	<u>Desert Creek</u>		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	<u>Enhanced Recovery</u>		
PERFORATED	<u>5268/5404</u>		
INTERVALS			
ACIDIZED?	<u>7000 gal HCl</u>		
RACTURE TREATED?	<u>No</u>		

INITIAL TEST DATA

Date

Oil, bbl./day

Oil Gravity

Gas, Cu. Ft./day

Gas-Oil Ratio Cu. Ft./Bbl.

Water-Bbl./day

Pumping or Flowing

CHOKE SIZE

FLOW TUBING PRESSURE

<u>No Records</u>		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

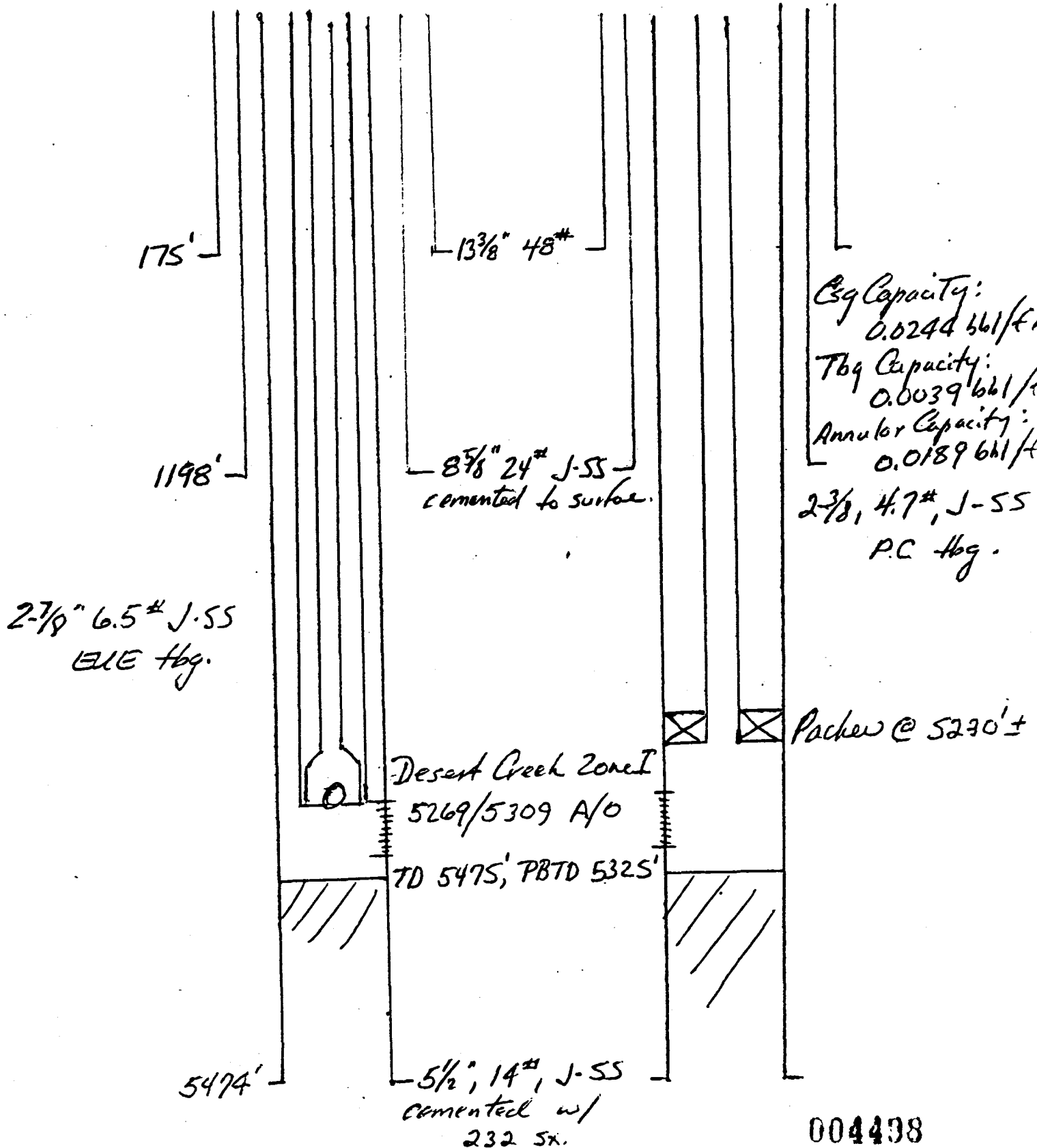
(303)
Telephone 565-2209 [Signature] S. Staff Op Engr.
Name and title of representative of company

Subscribed and sworn before me this _____ day of _____, 19 _____.

McElmo Creek Unit C.10
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

CURRENT

PROPOSED



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
14-20-603-5448

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

8. Well Name and No.
C-18

9. API Well No.
43-037-15702

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **INJECTION**

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P.O. BOX 633 MIDLAND, TEXAS 79702

915-688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1830' FNL 2040 FWL SEC.11, T41S R24E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other **CO2 INJECTION**

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☒ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5-27-91 MIRU POOH W/TBG.

5-28-91 TAG FILL @ 5318'. DRILL OUT CMT TO 5340.

5-29-91 PERF 5320-5330 W/4 HEGS GUNS W/4 SPF. SET PKR. TEST TO 5500 PSI- NO LEAKS.
SET PKR. @5207. PRESS TO 1000#/HELD/OK. INSTALL & TEST ADAPTER FLANGE AND NEW TBG. HEAD.

5-30-91 ACDZ. DESERT CREEK I PERFS W/5000 GALS 15% HCL W/ADD. AND 1000 GALS 2 PPG SALT. DIV. SWAB.

6-02-91 RIH W/2 7/8 CMT LINED TBG. PKR. @ 5219'. PRESS CSG 1500#/HELD/OK/30 MIN. RDMO.

RECEIVED

JUN 13 1991

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd SHIRLEY TODD

Title ENV. & REG. TECH.

Date 6-10-91

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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*See instruction on Reverse Side

UNITED STATES
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RECEIVED

JUN 13 1991

**DIVISION OF
OIL GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed

Shirley Todd

SHIRLEY TODD

Title **ENV. & REG. TECH.**

Date **6-10-91**

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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2. Name of Operator MOBIL OIL CORPORATION	6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3. Address and Telephone No. P.O. BOX 633, MIDLAND, TX 79702 (915)688-2585	7. If Unit or CA, Agreement Designation MCELMO CREEK UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1830' FNL, 2040' FWL SEC.11, T41S, R24E	8. Well Name and No. C-18
	9. API Well No. 43-037-15702
	10. Field and Pool, or Exploratory Area GREATER ANETH
	11. County or Parish, State SAN JUAN, UT

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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other PRESS. TEST	<input type="checkbox"/> Dispose Water

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12-10-91 MIRU
12-11-91 CIRC. WELLBORE W/10.0# BRINE WTR. REL PKR., PULL 2 JTS 2 7/8 CMT LINED TBG.
12-13-91 RIH W/166 JTS 2 7/8 TBG BP SET @5204'. PRESS 5 1/2 CSG/1000PSI/HELD/30 MIN/OK. PERF W/4SPF 5276-5304 SET PKR @ 5204' RUN SWAB.
12-16-91 POH W/PKR. CLEAN OUT FILL TO PBTD @ 5340'
12-17-91 POH W/3 BAD JTS TBG.
12-18-91 RIH W/CMT LINED TBG. EXTERNAL TESTING (5500 PSI/15 SEC.)
12-19-91 RIH W/PKR. & 168 JTS CMT LINED TBG. PKR SLID DOWN HOLE - RESET PKR.
12-21-91 SET PKR @ 5216' PRESS. TEST CSG TO 1000 PSI/HELD/OK RD & REL

RECEIVED

DEC 31 1991

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd **SHIRLEY TODD**

Title **ENVIRONMENTAL & REGULATORY TECH.**

Date **12-27-91**

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

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SUBMIT IN TRIPLICATE

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2. Name of Operator MOBIL OIL CORPORATION	6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3. Address and Telephone No. P O BOX 633 MIDLAND, TX 79702 (915) 688-2585	7. If Unit or CA, Agreement Designation MCELMO CREEK UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1830' FNL, 2040' FWL SEC. 11, T41S, R24E	8. Well Name and No. C-18
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	10. Field and Pool, or Exploratory Area GREATER ANETH
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	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other REPAIR WELL FOR MECHANICAL INTEGRITY	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
SEE ATTACHED PROCEDURE.

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 6-17-92
By: [Signature]

RECEIVED
JUN 15 1992
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd **SHIRLEY TODD** Title **ENGINEER TECHNICIAN** Date **6-12-92**

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: **Federal Approval of this Action is Necessary**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

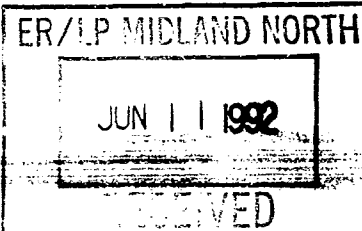
RECOMMENDED WORK PROCEDURE

WELL NO.	C-18 (Injection Well)
LEASE	McElmo Creek Field
ANNULAR FLUID	Inhibited Produced Fluids
WORKOVER FLUID	10 ppg Brine
WT. (LBS/GAL)	10.0
HYD. PRESS	2740 psi
RES. PRESS	est 2400 psi
ZONE	Desert Creek I

Special Instructions:

*Provide two covered tanks for flow back (250 bbls capacity each). MI one set of pipe racks and 5400' 2-7/8" WS. Ensure EPA has been notified 48 hrs prior to any casing work and MIT'S.

1. ND wellhead CPC equipment.
2. NU backflow equipment and backflow well to test tank for 24 hours or until flow has ceased. Empty test tanks.
3. MIRU DDPU. Close master valve. Install 4' lifting sub in tree. Remove tbg head/csg head bolts. MI Baker servicehand and close Baker Model 'B' shut-off valve with left hand rotation. Bleed off pressure. ND injection wellhead.
4. NU adaptor flange and 6" 900 Series BOP w/ 2-7/8" blind & pipe rams. Use new gasket and all 12 bolts. (Insure BOP meets 3000 psi WP and 6000 psi TP certified pressure test). Test BOP at 1000 psi for 10 minutes to insure integrity.
5. Sting off of O/F tool and circulate hole with 10 ppg brine to insure well is killed. Latch onto O/F tool, open shut-off valve, & release pkr. RU Weatherford tong services w/ 360 degree full radius grip tongs w/ backup.
6. POOH w/ ±164 jts 2-7/8" 8rd J-55 fluorolined tbg w/ Threadmaster torque ring couplings, Baker HEL O/F tool, Baker Model 'B' SO valve, & Baker 5-1/2" Incoloy Inverted Lok-Set pkr w/ 2-3/8"x 30' FG tailpipe. Install thread protectors, & stand tbg back in derrick. LD bad joints. Send pkr and on/off tool to Baker for redress. Install shear screws on O/F tool for re-run and have Baker pressure test tool. Notify Engineer w/ pressure test results.



7. MIRU power swivel/reverse unit (as necessary). PU & GIH w/ 4-3/4" Varel bit, 5-1/2" 14#/ft csg scraper, & Bulldog hydrostatic bailer on 2-7/8" WS. Clean out to PBTD 5340'. RD power swivel/reverse unit. POOH, LD bailer, scraper, & bit. Stand WS in derrick. Catch sample of solids/scale in bailer. Notify Engineer and deliver debris to Tretolite rep for analysis. RD power swivel/reverse unit.
8. PU & GIH w/ 5-1/2" RBP, O/F tool, and 5-1/2" treating pkr on 2-7/8" workstring. Set RBP @ 5200'. Set pkr @ +5195'. RU transport & pump truck. Load tubing & csg/tbg annulus and test csg/tbg annulus to 1000 psi for 30 minutes. If annulus fails to hold pressure and no pressure increase is seen on tbg annulus, isolate leak w/ RBP & pkr. Contact Engineer for squeeze procedure.
9. Unset pkr, GIH & retrieve RBP. POOH & LD WS, pkr, O/F tool, & RBP.
10. RU Weatherford full radius tongs w/ backup and Gator Hawk hydrotestors (Houston, Tx.). Hydrotest tbg couplings while GIH. PU & GIH w/ 2-3/8"x 30' STAR FG tailpipe, redressed Baker 5-1/2" Baker Incoloy Inverted Lok-set pkr, Baker Model B SO valve, Baker HEL O/F tool, & +164 jts 2-7/8" flourolined J-55 tbg. Set pkr @ +5210' and land packer in neutral position. Tail pipe set @ +5240'. RD Gator Hawk & Weatherford tongs.

NOTE: Lubricate seal section of O/F tool w/ Baker tbg seal grease prior to running.

Make-up Torque Requirements:

Pin Shoulder = ~200-400 ft-lbs
Ring Contact = 1000 ft-lbs

11. Close shut-off valve and sting off O/F tool. Bleed off pressure and circulate inhibited packer fluid. GIH & sting onto O/F tool. If backside is not completely loaded after resetting O/F tool, dump inhibited pkr fluid until annulus is completely loaded. Pressure test tbg/csg annulus to 1000 psi for 30 minutes. Obtain pressure chart for files (note: 1000 psi must fall within 30-70% of the range on the pressure chart).

**** NOTIFY EPA IN FARMINGTON, NM., PRIOR TO CONDUCTING MIT ****
EPA representative: Ken Lingo.

12. Tie onto tbg. Pressure test tbg to 2500 psi for 10 minutes to insure tbg integrity.
13. ND BOP & NU injection wellhead w/o bolts. Open Baker Model B SO valve. NU tbg head/csg head bolts. RDMO DDPU. Make all necessary surface connections.

14. Place well on injection. Target rate = 150 BWIPD.
(Max wellhead pressure = 2390 psi)

GLM - 9 JUN 1992

G.L. MENDENHALL
Operations Engineer

J.B. RANEY
O.E. Functional Supervisor

FOR

JOB OR APPR NO.

LOCATION

PAGE

SUBJECT

DATE

BY

MCU # C-18
WELL SKETCH

182A FNL 204A FNL
SE/NE SEC II, T4S, R20E
SAN JUAN CO., N.M.

1 3/8" 27" AARO
CSG
CMT'D w/ 530 ARO CLG
CIRC TO SURF

Δ 175'

8 5/8" 24" J-55 CLG
CMT'D w/ 1471 SKS CLG
CIRC TO SURF

Δ 1198'

EQUIPMENT DETAIL

16A JPS 2 3/8" CMT-LINER J-55 TUB
2 3/8" x 5 1/2" ON/OFF TOOL (HEU)
BAKER MODEL B SAFETY VALVE
BAKER 2 3/8" x 5 1/2" INCOLOY INVERTED

LOK-SET PKR

2 3/8" x 30" STAR FG THL PIPE

PKR @ 5216'

EDT @
± 5246'

= 5269' - 5309' DC I

= 5320' - 5330' DC II

PBTD @ 5340'

5 1/2" 14" J-55 CSG
TO 5474' CMT'D w/ 232 SKS CLASS A
TOL @ 4402' (EST)

UNITED STATES
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BUREAU OF LAND MANAGEMENT

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SUBMIT IN TRIPLICATE

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2. Name of Operator

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(915) 688-2585

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7-17-92 MIRU BLED DWN CSG 2900# TO 0#.

7-18-92 PRESS. TBG. & ON/OFF TOOL TO 2250#. OK. TEST ANN. TO 1040# OK 1 HR. OPEN BOT. HOLE VALVE 1/4 IN. STREAM FLOWING OUT ANL. PRESS. ANL TO 1000#. GAINED 60# IN 30 MIN. INDICATES DOWNHOLE VALVE LEAKING IN OPEN POSITION.

7-19-92 INSTALL NEW PKR ASSEMBLY

7-20-92 SET PKR AT 5195'. DOWN HOLE VALVE WOULD NOT FUNCTION.

7-21 THRU 7-25 WORKED ON DOWNHOLE VALVE.

7-26-92 RIH W/TBG. SET PKR. AT 5164'. TEST TBG TO 2000# AND CSG TO 1000#. CIRC WELL TO PKR FLUID. TEST CSG TO 1000# OK. RD.

RECEIVED

AUG 04 1992

**DIVISION OF
OIL GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed Shirley Todd **SHIRLEY TODD**

Title **ENGINEER TECHNICIAN**

Date **7-30-92**

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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DEPARTMENT OF THE INTERIOR
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MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

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MCELMO CREEK UN C-18

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SAN JUAN

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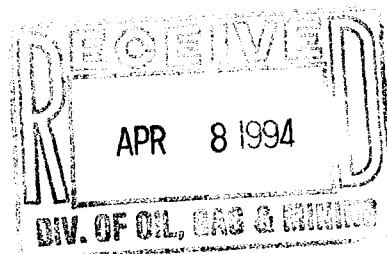
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*** SEE ATTACHED ***



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Signed

Connell Smith for Shirley Todd

Title ENV. & REG. TECHNICIAN

Date

04/04/94

(This space for Federal or State office use)

Approved by

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* See Instruction on Reverse Side

McElmo Creek Unit C-13
Workover Procedure

1. MURU wireline unit with lubricator. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. RIH with 1-11/16" magnetically decentralized Enerjet perforating guns loaded with 3.0 gram RDX charges at 6 SPF, 0 degree phasing and perforate 5267'-5310'. POH. RDMO wireline.
2. MI 100+ bbl flat bottom open top tank with gas vent line. MURU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airbacks, five minute escape packs for all coiled tubing/acid stimulation crew, personal H2S monitors for all personnel on location, and one safety man. Acid stimulation company to provide eye wash station. Hook up coiled tubing injection pump to fresh water transport. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to flat bottom tank. Stake and chain flowline down. PT coiled tubing to 5000 psi using injection water.
3. Pickle coiled tubing with 3 bbls of 15 percent HCL and circulate out. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to FBTD at 5340' using fresh water at maximum circulating rate at maximum circulating pressure of 5000 psi. Do not spend more than 1 hour cleaning out fill below the proposed perforated interval. Spot 5 bbls of xylene across perforations and bullhead into formation using fresh water.
4. Wait 1 hour. Wash all perforations shot in previous step without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, 1 percent mutual solvent, and 10 lbs/mgals iron sequestering agent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMO coiled tubing unit and all surface equipment.
5. Pump out tank. Turn well over to production leaving well shut in.

FOR _____

JOB OR AUTH. NO. _____

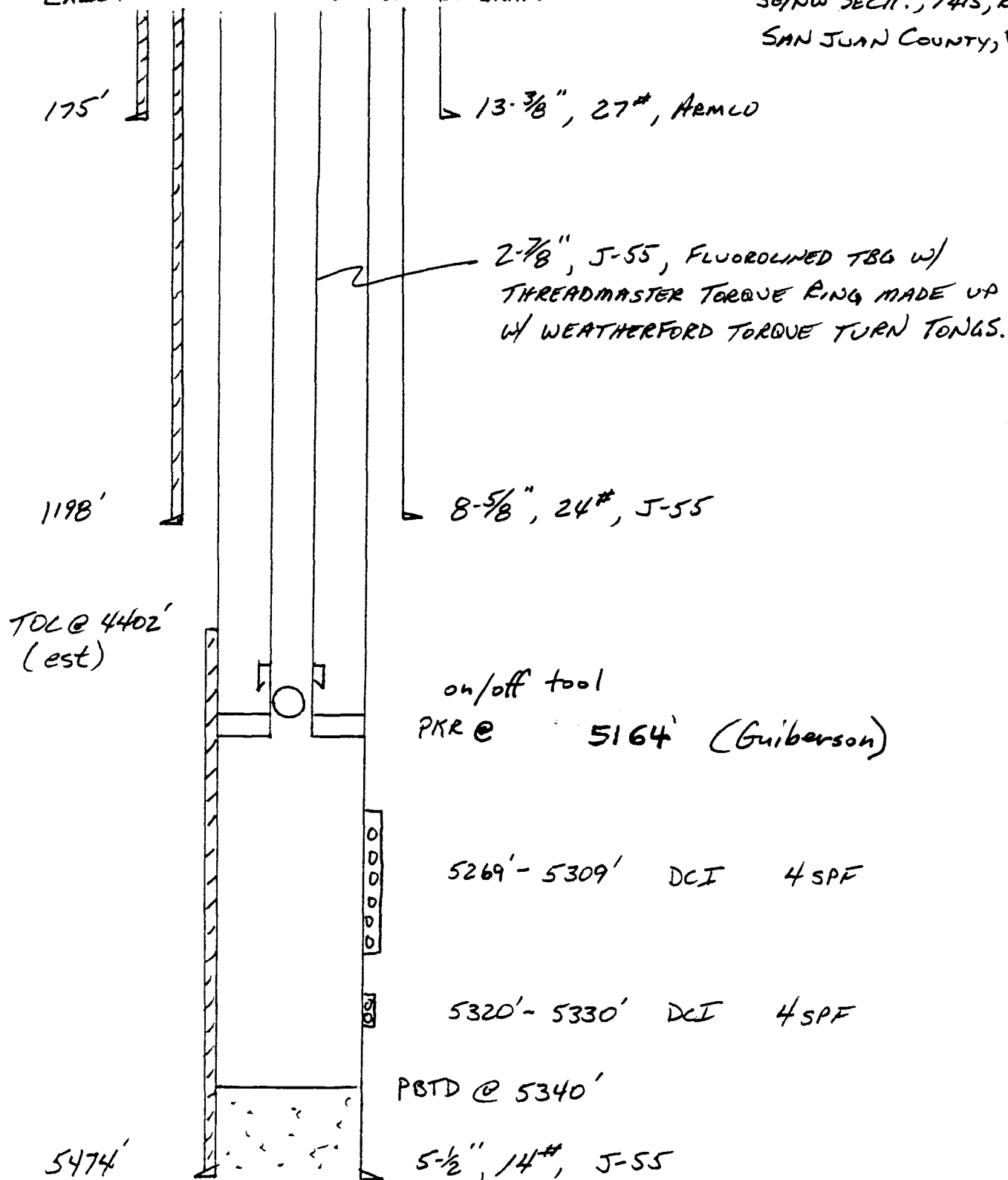
LOCATION _____

PAGE _____

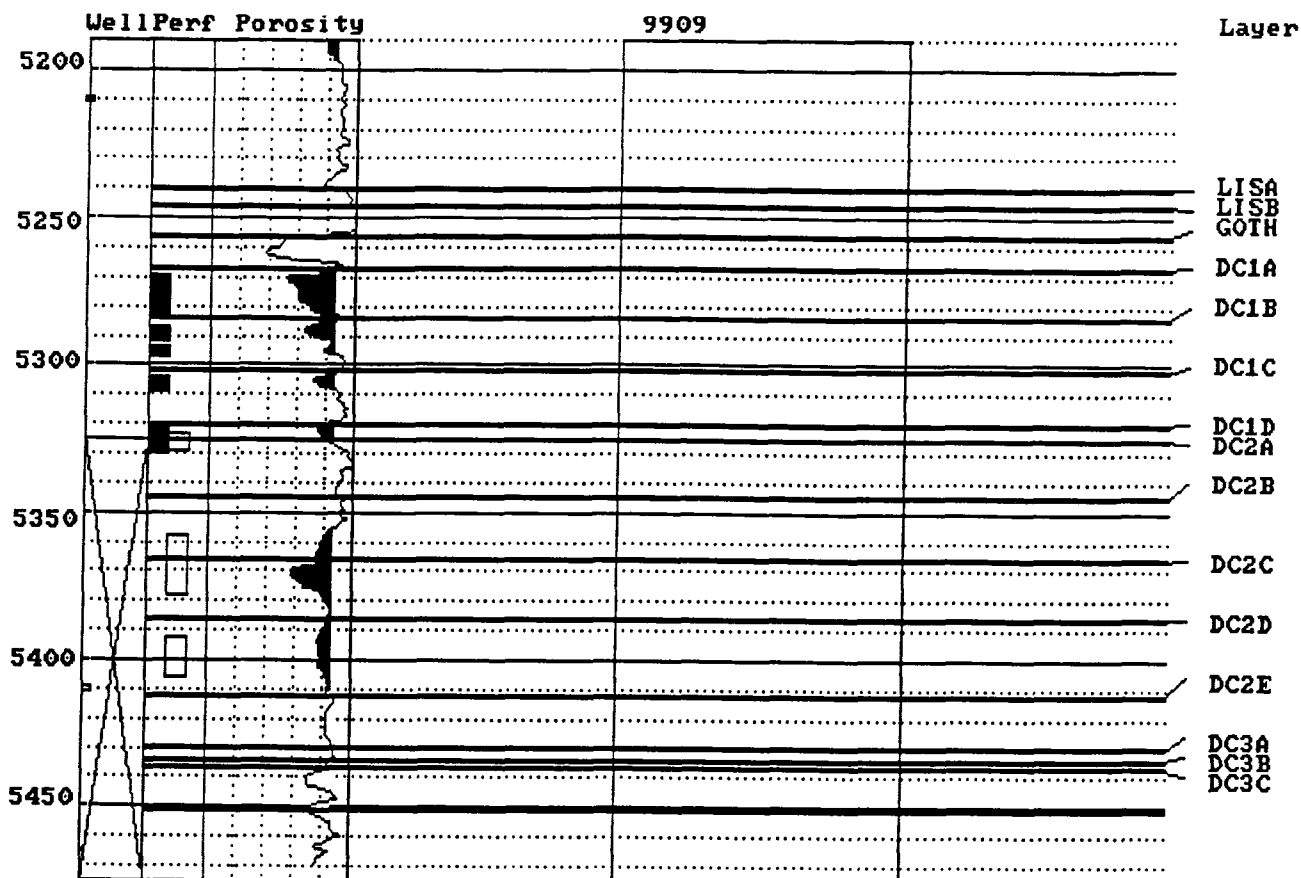
SUBJECT _____

DATE _____

BY _____

McELMO CREEK UNIT # C-18
EXISTING WELLBORE DIAGRAM1820' FNL, 2040' FWL
SE/NW SEC. 11., T41S, R24E
SAN JUAN COUNTY, UTAH

PROFILE HISTORY McElmo Creek Unit C-18



PROFILE NOTES:

9909 Profile: no profile available

PROFILE HISTORY:

DATE	UPIS	LISA	LISB	LSWA1	LSWA2	DC1A	DC1B	DC1C	DC1D	LSWB1	LSWB2	DC2A	DC2B	DC2C	DC2D	DC2E	DC3A	DC3B	DC3C	DC3D	Unknown
9909																					100.0

Proposed Perfs

5267' - 5310'

Check Aneth Log Files
for GR/CCL and GR/N
No GR/CCL req. (open hole)
Perf 1st.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

3. Address and Telephone No.

P. O. 633, MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1830' FNL, 2040' FWL; SEC 11, T41S, R24E

5. Lease Designation and Serial No.

14-20-603-5448

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN C-18

9. API Well No.

43-037-15702

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

04/07/94 MIRU. PERF CSG W/6 JSPF FROM 5310-5267'. SPOT 5 BBLS XYLENE ACROSS PERF AND INTO PERF 5310-5267.

04/08/94 ACIDIZE PERFS 5310-5267 W/3915 15% HCL + ADDITIVES. RDMO.

APR 25 1994

14. I hereby certify that the foregoing is true and correct

Signed

Shuley Dada

Title

ENV. & REG. TECHNICIAN

Date

04/18/94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTION

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1830 FNL; 2040 FWL
SEC 11, T41S, R24E SENW

FORM APPROVED

Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-603-5448

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK C-18

9. API Well No.

43-037-15702

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

WORKOVER

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed

Shuley Robertson

Title

ENV. & REG. TECHNICIAN

Date

2-9-95

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See instruction on Reverse Side

MEPUS, FOUR CORNERS AREA
WORKOVER PROGRAM

FIELD: Greater Aneth
LEASE: McElmo Creek Unit

DATE: 7 FEB 1995
WELL: C-18
PRISM ID #: 0000183

LOCATION: 1830'FNL, 2040'FWL, SEC. 11-T41S-R24E

ELEVATION: 4452' RKB
PBD: 5340 FT. MD.

TOTAL DEPTH: 5475 FT. MD.

WORKOVER RIG: BIG A

WORKOVER FLUID: 10 ppg brine

EXISTING PERFS: 5267'-5310' 6 SPF, 5320'-5330' 4 SPF

PROPOSED PERFS: SAME AS EXISTING

LAST INJECTION RATE: 29/NOV/94: 659 BPD CO2 at 2500 psi WHF

PROPOSED WORK: Pull and lay down 2-7/8", 6.5 lb/ft J-55 EUE 8rd fluoroined KCTS injection tubing, PU 2-7/8" EUE 8rd workstring, retrieve Guiberson packer, on/off tool, and downhole shut off valve, clean well out using bit and scraper to PBD at 5340', run GR/METT/CCL log, PT and squeeze casing as necessary, set a wireline set, tubing retrievable packer, complete well with a latching seal assembly on 2-7/8", 6.5 lb/ft J-55 EUE 8rd KCTS fluoroined tubing.

If the well can not be killed with 10 ppg brine, snubbing operations will be used for this workover until a wireline set production packer having a pump out plug has been set.

JUSTIFICATION: The C-18 developed 2200 psi pressure on the 5-1/2" casing string in and was shut in due to the well being out of compliance with the EPA. Repairs must be made to eliminate the source of the 5-1/2" casing pressure and bring the well back into compliance to allow the continuation of the miscible flood in this pattern. This well directly supports 100 BOPD pattern production. Detailed economics are as follows:

8/8ths Investment:	\$135M
Production Uplift:	100 BOPD
Payout:	0.53 years
Cashflow:	\$1201M
NPV @ 12%:	\$755M
BOPD Uplift/M\$ Invested:	0.74
Response Time:	6 months

PREPARED BY: S. S. MURPHY
OPERATIONS ENGR.

APPROVED BY: _____
FGTT LEAD

Distribution: E. T. Barber - Aneth
T. M. Kuykendall - Cortez
T. Cochrane - Cortez
W. F. Hannes - 1033 MOB
G. D. Cox - 1103 MOB

S. A. Todd - 1206 MOB
J. K. Jenkins - 532 MOB
Aneth Files
Cortez Files

McElmo Creek C-18
Workover Procedure
(REVISED)

1. Lock and tag out all power sources. RU pump and pump lines to christmas tree. Bullhead 50 bbls of 10 ppg brine into well. Observe well the next day to confirm if well is dead.
2. MI workover rig having 108' derrick. Bleed off casing pressure. Unbolt tree and PU 20,000 lbs tension and rotate 1 turn to the left to close downhole shut off valve. If well is not dead, bleed off tubing pressure to confirm downhole shut off valve is closed.
3. Release on/off tool. ND tree. NU and PT BOP's to 3000 psi high and 250 psi low. Circulate hole to 10 ppg brine. PT casing to 1000 psi for 30 minutes (5 percent or less leakoff is acceptable). POH laying down injection tubing. Use open rotary type tongs with backup on collar (Do not use Foster type closed rotary tongs). Install thread protectors while laying down tubing. Send injection tubing to Permian Enterprises in Odessa, Texas for inspection/repair. Send tree to Big Red Tool, Farmington for inspection and replacement of AB modified teflon seal ring in bottom of tree. Have tree returned in time for use on this well.
4. If well was not dead, RU snubbing unit. PU and RIH with 2-7/8" J-55 EUE 8rd workstring and on/off tool skirt. Release Guiberson Uni-VI ? packer and POH. RIH with 4-3/4" rock bit without nozzles and casing scraper for 5-1/2", 14 lb/ft casing on 2-7/8" workstring and CD to PBTD at 5340' EL. POH. NOTE: Space casing scraper out to not enter top perforation at 5267'.
5. If 5-1/2" casing failed to PT in Step No. 3, RIH with squeeze packer and locate casing leak. POH. RIH with squeeze packer, 2 jts of 2-3/8" tailpipe and RPB. Set RBP +/- 100' below leak. Set squeeze packer below leak and PT RBP to 2000 psi. Dump 200 lbs of 20/40 sand down workstring slowly and pump to bottom. Wait 1 hour for sand to fall. Reverse out workstring. RIH and tag top of sand to confirm +/- 10' of sand on top of RBP. PU and set tubing tail +/- 50' above location of leak. Set squeeze packer and space out with 15,000 lbs weight on squeeze packer. Pressure backside to 1000 psi and monitor. Establish and injection rate of 1-2 BPM using 10 ppg brine at maximum surface injection pressure of 2500 psi. Mix and pump 5 bbls of fresh water spacer, 100 sxs of class B standard cement with sufficient retarder for 3 hour pump time, followed with 5 bbls fresh water spacer and 10 ppg brine.
6. Displace top of slurry to end of tailpipe or to a maximum injection pressure of 2500 psi. Stage squeeze last 4 bbls of cement as necessary to obtain a final squeeze pressure of at least 2000 psi. Release squeeze packer and reverse out. POH. WOC 12 hours.
7. RIH with 4-3/4" rock bit without nozzles and casing scraper on 2-7/8" workstring and drill out cement. Clean out to top of sand on top of RBP. PT casing to 1000 psi. POH. Resqueeze as necessary. If PT OK then RIH with retrieving tool on workstring. Wash sand off RBP and retrieve same. POH laying down workstring.

8. RU Schlumberger wireline and lubricator. PT lubricator to 1000 psi or wellhead pressure if higher. RIH with GR/METT/CCL and log from PBTD at 5340' to 4300'. POH. RIH with junk basket/guage ring to 5160'. POH.

9. RIH with the following production packer assembly on wireline:

DESCRIPTION	MAX. O.D. in.	MIN. I.D. in.	LENGTH ft.
5-1/2" X 2.688" 14 lb/ft wireline set Guiberson Uni-X retrievable seal bore packer (Nickel plated and plastic coated) with 90 Duro Nitrile ends w/78 Duro Polyepichlorohydrin CO2 center elastomers w/4.5' X 2.688" 316 stainless steel seal bore extension w/Aflas o-rings on all threaded connections	4.75	2.688	11.42
316 stainless steel sealbore AB modified box X 2-3/8" EUE 8rd pin x-over	4.75	1.995	0.75
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.812 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.812	1.0
6 ft 316 stainless steel 2-3/8", 4.7 lb/ft pup joint w/EUE 8rd AB Modified box X pin	3.063	1.995	6.0
316 stainless steel Model R non-ported NoGo seating nipple, Size 1.781 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box X pin	3.063	1.728	1.0
316 stainless steel wireline entry guide w/pump-out plug, size 2-3/8", 4.7 lb/ft EUE 8rd AB Modified box	3.063	1.995 (After plug pumped out)	0.5

NOTE: All connections to be made up with Seallube.

10. Set top of packer at 5150'EL. NOTE: Based on METT log, packer setting depth can be adjusted. POH with setting tool. Bleed off casing pressure. RDMD wireline. RD snubbing unit if it was required in previous steps.

11. PU and RIH with the following latch type seal assembly and used injection string:

DESCRIPTION	MAX. O.D.	MIN. I.D.	LENGTH
	in.	in.	ft.
2-3/8", 4.7 lb/ft AB Modified 8rd X 2.688" Guiberson latch nipple w/ATR seals, 7 ft long spacer tube, one ATR seal nipple, one ATR seal unit, one ATR seal unit made of 316 stainless steel, 1/2 muleshoe made of 316 stainless steel, I.D. of flow area of seal assembly is plastic coated, all 8 TPI stub acme boxes to have Aflas o-rings, all 10 rd boxes to be AB modified with Teflon rings installed. Assembly to be pressure tested to 3000 psi using nitrogen prior to being sent to location.	3.45	1.901	11.0
6' pup joint, 2-3/8" 316 stainless steel 4.7 lb/ft with EUE 8rd AB Modified Box X Pin	3.063	2.25	6.0
316 stainless steel Model F non-ported seating nipple, Size 1.87 w/2-3/8", 4.7 lb/ft EUE 8rd AB Modified box x pin	3.063	1.87	2.0
316 stainless steel 2-7/8", 6.5 lb/ft EUE 8rd AB Modified Box X 2-3/8", 4.7 lb/ft EUE 8rd pin x-over	3.668	2.25	1.0
2-7/8" KCTS box X EUE 8rd pin	3.668	2.14	1.0
2-7/8", 6.5 lb/ft J-55 KCTS (Threadmasters Torque Ring) Fluorolined Tubing w/pup joints as required	3.668	2.14	+/- 5139'

- NOTE: A. All used KCTS tubing to be torque turned to 2250 ft-lbs. All connections of seal assembly and tubing to be made up using Seallube. Use permitek on permiserts. Brian Nelson with Threadmasters at 915/550-6342 to be on location while running tubing.
- B. Rabbit tubing with 2.0" O.D. rabbit.

12. Sting seal assembly into production packer and space out for 15,000 lbs compression at surface. PT backside to 500 psi. Rotate to the right and release seal assembly from packer. Install necessary 2-7/8", 6.5 lb/ft J-55 KCTS fluorolined tubing pup joints. Reverse circulate fresh water packer fluid containing 1 percent by volume of Tretolite CRW137 corrosion inhibitor/oxygen scavenger.
13. ND BOPS. Screw on christmas tree. Insure that Teflon ring in box on christmas tree is a new ring. Snap into snap latch and confirm by pulling 10,000 lbs tension. Land tree and bolt up flange. Pressure tubing to 2500 psi and shear out pump out plug. RDMD workover rig. Hook up injection lines. Clean location.

14. Perform Mechanical Integrity Test (MIT) for EPA. Contact Jim Walker of the Navajo EPA in Shiprock at 505/368-1040 to witness. Use chart recorder to record test. Send copies of chart to Shirley Todd, Midland - 1206 MOB, Ed Barber, Aneth, and Aneth files. Fill out Utah tax credit form and submit to Tiny Higman, Cortez office. After obtaining an acceptable MIT, place well on water injection on maximum choke.

VENDORS LIST

<u>DESCRIPTION</u>	<u>VENDOR</u>
Snubbing Unit (If Necessary)	Not Specified
Corrosion Inhibitor	Tretolite
Supervision of running tubulars	Threadmasters
Torque Turn Services	Not Specified
Logging, perforating, junk basket/ gauge ring, packer setting	Schlumberger
Production packer, 316 stainless steel tubing nipples, seal assembly, wireline re-entry guide, pump out plug	Guiberson
316 Stainless steel pup joints, x-overs	Guiberson
Cementing Services (If Necessary)	Cementers, Inc.
Inspection of Christmas Tree	Big Red Tool
Inspection of used tubing string and repair	Permian Interprises
Bit, scraper, squeeze packer, water hauling	Not Specified

FOR

JOB OR AUTH. NO.

LOCATION

PAGE

SUBJECT

MCU C-18

DATE

EXISTING

BY

McELMO CREEK UNIT # C-18
EXISTING WELLBORE DIAGRAM1820' FNL, 2040' FWL
SE/NW SEC. 11., T41S, R24E
SAN JUAN COUNTY, UTAH

175'

13-3/8", 27#, ARMCO

2-7/8", J-55, FLUOROLINED TBG w/
THREADMASTER TORQUE RING MADE UP
w/ WEATHERFORD TORQUE TURN TONGS.

1198'

8-5/8", 24#, J-55

TOL @ 4402'
(est)

on/off tool

PKR @ 5164' (Guiberson)

5267'-5310' DCI 4 SPF

5320'-5330' DCI 4 SPF

PBTD @ 5340'

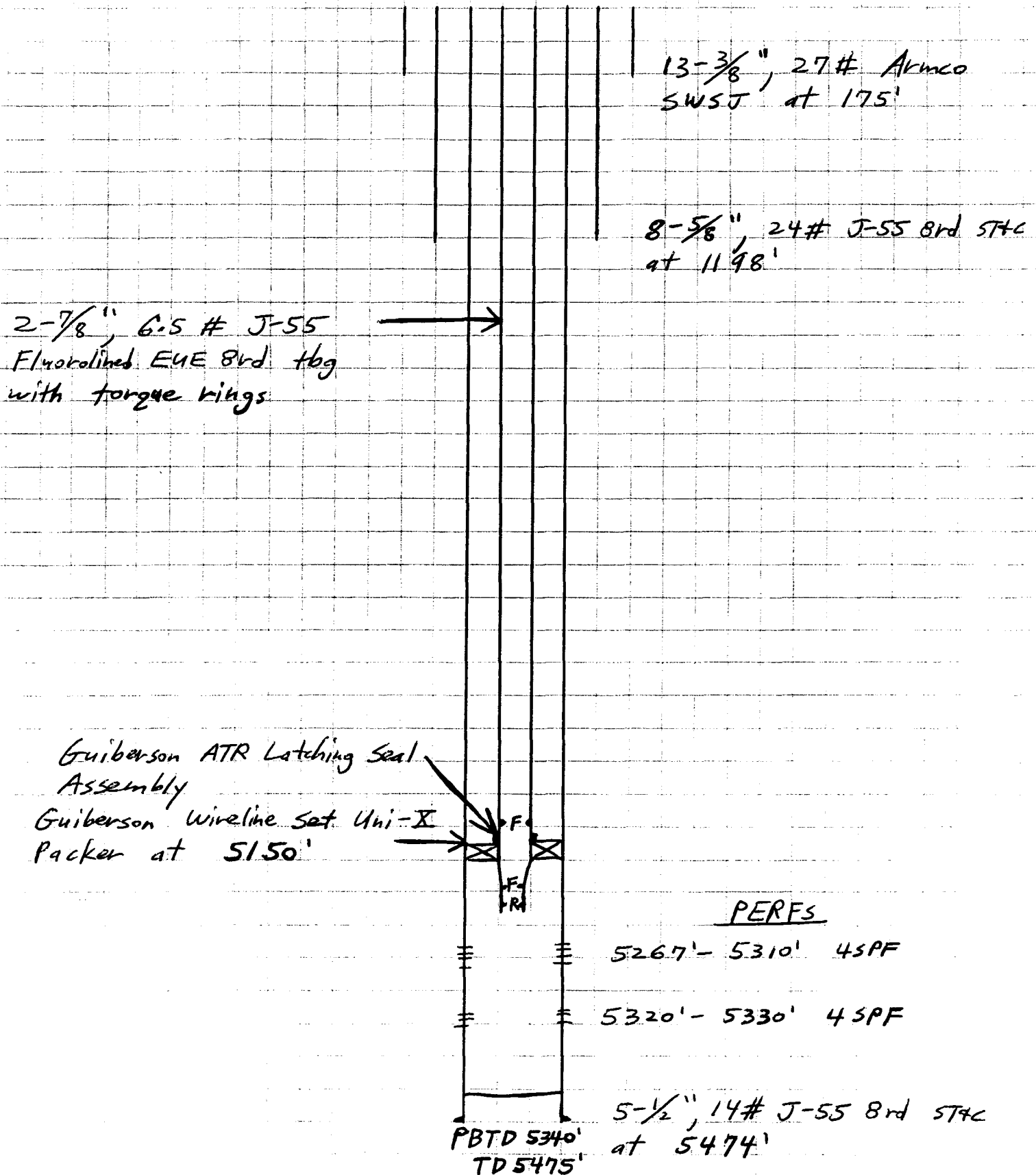
5474'

5-1/2", 14#, J-55

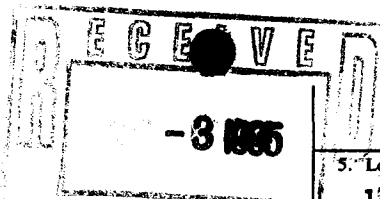
7/FEB/95

MCU C-18

PROPOSED



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS OF OIL, GAS & MINERALS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

14-20-C603-6508

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK C-18

9. API Well No.

43-037-15202

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTION

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702

915/688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

500' FSL, 2140' FWL
SE SW SEC. 2, T41S, R24E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

WORKOVER

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3-07-95 MIRU & STRIP/SNUB OUT OF HOLE W/ INJECTION TBG & PKR.

3-09-95 SNUB OUT OF HOLE W/ BIT & SCRAPER. SNUB IN HOLE TO 5163 MD & SET. TEST CSG 30 MIN. OK.

3-10-95 FINISHED SNUBBING OUT W/ PACKER. PU PRODUCTION PKR ASSEMBLY. TIH & SET TOP OF PKR. @ 5132'.

3-13-95 PU SEAL ASSEMBLY & RUN 157 JTS 2 7/8" KCTS FLUOROLINED TBG.

3-14-95 FINISHED RUNNING INJ TBG. PUMP 110 BBLS PKR FLUID. ND BOP, NU TREE. TEST CSG TO 1000#. RD MO.

0

14. I hereby certify that the foregoing is true and correct

Signed

Shirley Robinson

Title

ENV & REG TECHNICIAN

Date

3-29-95

(This space for Federal or State office use)

Approved by

Title

Date

Tax credit
4/5/95

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ **Well File** _____
 (Location) Sec _____ Twp _____ Rng _____
 (API No.) _____

☐ **Suspense**
 (Return Date) _____
 (To - Initials) _____

☒ **Other**
 OPER NM CHG _____

1. Date of Phone Call: 8-3-95 Time: _____

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☐)
 Talked to:

Name R. J. FIRTH (Initiated Call ☒) - Phone No. () _____
 of (Company/Organization) _____

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: _____

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING
NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT
THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.

*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing

1- LWC	7- PL
2- LWP	8- SJ
3- BTS	9- FILE
4- VLC	
5- RJF	
6- LWP	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-2-95)

TO (new operator) **MOBIL EXPLOR & PROD**
 (address) **C/O MOBIL OIL CORP**
PO DRAWER G
CORTEZ CO 81321
 phone (303) **564-5212**
 account no. **N7370**

FROM (former operator) **M E P N A**
 (address) **C/O MOBIL OIL CORP**
PO DRAWER G
CORTEZ CO 81321
 phone (303) **564-5212**
 account no. **N7370**

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: <u>037-15702</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) ** No Fee Lease Wells at this time!*

- N/A Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving **State leases**.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: October 6 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950803 LIC F5/Not necessary!

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓ MEPNA (MOBIL	43-037-15617	F-11	40S	24E	36	INJW	Y
✓ MEPNA (MOBIL	43-037-16350	H-11	40S	24E	36	INJW	Y
✓ MEPNA (MOBIL	43-037-15618	G-12	40S	24E	36	INJI	Y
✓ MEPNA (MOBIL	43-037-15619	I-12	40S	24E	36	INJW	Y
✓ MEPNA (MOBIL	43-037-16377	T-8	40S	25E	28	INJW	Y
✓ MEPNA (MOBIL	43-037-16366	P-7	40S	25E	29	INJW	Y
✓ MEPNA (MOBIL	43-037-16362	N-7	40S	25E	29	INJW	Y
✓ MEPNA (MOBIL	43-037-15961	M-10	40S	25E	31	INJW	Y
✓ MEPNA (MOBIL	43-037-16359	L-9	40S	25E	31	INJW	Y
✓ MEPNA (MOBIL	43-037-15955	K-12	40S	25E	31	INJW	Y
✓ MEPNA (MOBIL	43-037-16354	J-11	40S	25E	31	INJW	Y
✓ MEPNA (MOBIL	43-037-15958	L-11	40S	25E	31	INJW	Y
✓ MEPNA (MOBIL	43-037-15962	M-12	40S	25E	31	INJW	Y
✓ MEPNA (MOBIL	43-037-16367	P-9	40S	25E	32	INJW	Y
✓ MEPNA (MOBIL	43-037-31677	Q12A	40S	25E	32	INJW	Y
✓ MEPNA (MOBIL	43-037-15968	O-12	40S	25E	32	INJW	Y
✓ MEPNA (MOBIL	43-037-15971	P-11	40S	25E	32	INJW	Y
✓ MEPNA (MOBIL	43-037-15965	N-11	40S	25E	32	INJW	Y
✓ MEPNA (MOBIL	43-037-15967	O-10	40S	25E	32	INJW	Y
✓ MEPNA (MOBIL	43-037-15964	N-9	40S	25E	32	INJW	Y
✓ MEPNA (MOBIL	43-037-15973	Q-10	40S	25E	32	INJW	Y
✓ MEPNA (MOBIL	43-037-30080	T-09A	40S	25E	33	INJW	Y
✓ MEPNA (MOBIL	43-037-16155	U-12	40S	25E	33	INJW	Y
✓ MEPNA (MOBIL	43-037-16375	S-10	40S	25E	33	INJW	Y
✓ MEPNA (MOBIL	43-037-30179	R-11A	40S	25E	33	INJI	Y
✓ MEPNA (MOBIL	43-037-16381	U-10	40S	25E	33	INJW	Y
✓ MEPNA (MOBIL	43-037-16147	R-09	40S	25E	33	INJI	Y
✓ MEPNA (MOBIL	43-037-16150	S-12	40S	25E	33	INJW	Y
✓ MEPNA (MOBIL	43-037-16351	H-13	41S	24E	1	INJW	Y
✓ MEPNA (MOBIL	43-037-16144	G-16	41S	24E	1	INJW	Y
✓ MEPNA (MOBIL	43-037-16345	F-13	41S	24E	1	INJW	Y
✓ MEPNA (MOBIL	43-037-16143	G-14	41S	24E	1	INJW	Y
✓ MEPNA (MOBIL	43-037-15495	H-15	41S	24E	1	INJI	Y
✓ MEPNA (MOBIL	43-037-15497	I-16	41S	24E	1	INJW	Y
✓ MEPNA (MOBIL	43-037-31149	F-15A	41S	24E	1	INJI	Y
✓ MEPNA (MOBIL	43-037-16267	D-13	41S	24E	2	INJW	Y
✓ MEPNA (MOBIL	43-037-16268	E-14	41S	24E	2	INJW	Y
✓ MEPNA (MOBIL	43-037-16341	D-15	41S	24E	2	INJW	Y
✓ MEPNA (MOBIL	43-037-16340	B-15	41S	24E	2	INJW	Y
✓ MEPNA (MOBIL	43-037-15616	E-16	41S	24E	2	INJW	Y
✓ MEPNA (MOBIL	43-037-16265	C-14	41S	24E	2	INJW	Y
✓ MEPNA (MOBIL	43-037-16338	A-17	41S	24E	10	INJW	Y
✓ MEPNA (MOBIL	43-037-15704	D-17	41S	24E	11	INJW	Y
✓ MEPNA (MOBIL	43-037-16342	E-19	41S	24E	11	INJW	Y
✓ MEPNA (MOBIL	43-037-15702	C-18	41S	24E	11	INJI	Y
✓ MEPNA (MOBIL	43-037-15496	H-17	41S	24E	12	INJI	Y
✓ MEPNA (MOBIL	43-037-16346	G-19	41S	24E	12	INJW	Y
✓ MEPNA (MOBIL	43-037-15709	I-18	41S	24E	12	INJW	Y
✓ MEPNA (MOBIL	43-037-15710	I-20	41S	24E	12	INJW	Y
✓ MEPNA (MOBIL	43-037-15493	F-17	41S	24E	12	INJW	Y
✓ MEPNA (MOBIL	43-037-15494	G-18	41S	24E	12	INJI	Y
✓ MEPNA (MOBIL	43-037-16352	I-23	41S	24E	13	INJI	Y
✓ MEPNA (MOBIL	43-037-16348	G-23	41S	24E	13	INJW	Y

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

June 27, 2001

ExxonMobil
Production

Mr. Jim Thompson
State of Utah, Division of Oil, Gas and Mining
1549 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

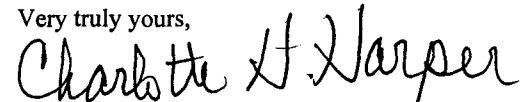
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,



Charlotte H. Harper
Permitting Supervisor

ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

RECEIVED

JUN 29 2001
DIVISION OF
OIL, GAS AND MINING



IN REPLY REFER TO:

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
 XXXXXXXXXXXXXXXX
 Navajo Area Office
 NAVAJO REGION

P.O. Box 1060
 Gallup, New Mexico 87305-1060

AUG 30 2001

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor
 Exxon Mobil Production Company
 U. S. West
 P. O. Box 4358
 Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

CEMI DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures ✓
 Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES	
ADM	<i>Q6/MC</i>
NATV AM MIN COORD	
SOLID MIN TEAM	
PETRO MIN TEAM	<i>2</i>
O & G INSPECT TEAM	
ALL TEAM LEADERS	
LAND RESOURCES	
ENVIRONMENT	
FILES	

ExxonMobil Production Company

U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

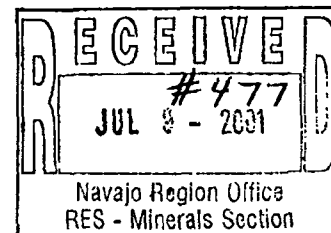
AS 7/12/2001
JH
543
File

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

Ms. Genni Denetsone
United States Department of the Interior
Bureau of Indian Affairs, Navajo Region
Real Estate Services
P. O. Box 1060
Gallup, New Mexico 87305-1060
Mail Code 543



Change of Name -
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

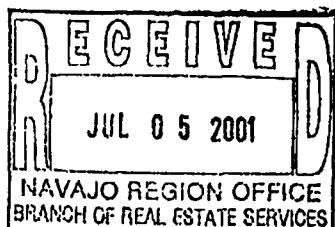
Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper
Permitting Supervisor

Attachments



ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

NOTE: Check forwarded to Ella Issa

Bureau of Indian Affairs
Navajo Region Office
Attn: RRES - Mineral and Mining Section
P.O. Box 1060
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

OFFICERS

President	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Vice President	<u>K.T. Koonce</u>	Address <u>800 Bell Street Houston, TX 77002</u>
Secretary	<u>F.L. Reid</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Treasure	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

DIRECTORS

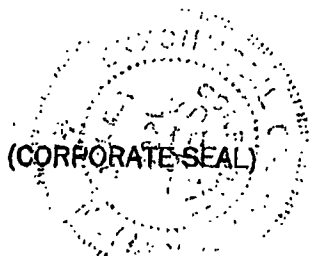
Name	<u>D.D. Humphreys</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>P.A. Hanson</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>T.P. Townsend</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>


Sincerely,



Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is true and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800) 927-9800, whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218





Signature
AGENT AND ATTORNEY IN FACT

Title

SAL

CERTIFICATION

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

CHANGE OF COMPANY NAME

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;


FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

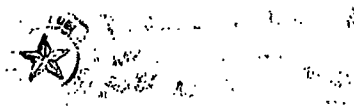
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.


Assistant Secretary

COUNTY OF DALLAS)
STATE OF TEXAS)
UNITED STATES OF AMERICA)

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.


Notary Public



LISTING OF LEASES OF MOBIL OIL CORPORATION**Lease Number**

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

100 West Loop South, Suite 1900, Houston, Texas 77027-3301
Houston, TX 77027-4600 • Facsimile: (713) 297-4750

NW Bond

FEDERAL INSURANCE COMPANY RIDER
to be attached to and form a part of

BOND NO 8027 31 97

wherein

Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is
named as Principal and

FEDERAL INSURANCE COMPANY AS SURETY,

in favor of United States of America, Department of the Interior
Bureau of Indian Affairs

in the amount of \$150,000.00
bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001
the name of the Principal is changed

FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.

TO : ExxonMobil Oil Corporation

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th of June, 2001.

ExxonMobil Oil Corporation

By: 

FEDERAL INSURANCE COMPANY

By: 

Mary Pierson, Attorney-in-fact

**Chubb
Surety****POWER
OF
ATTORNEY****Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company****Attn.: Surety Department
15 Mountain View Road
Warren, NJ 07059**

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint R.F. Bobo,
Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas-----

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson
Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.
County of Somerset

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said Companies in the presence of the Notary Public.



Notary Public State of New Jersey
No. 2231647

Commission Expires Oct 28, 2004

Karen A. Price
Notary Public

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001



Kenneth C. Wendel
Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY
Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

5184334741

06/01 '01 08:46 NO.410 03/05

CSC

06/01 '01 09:06 NO.135 02/04

F010601000187

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

FIRST: That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York.

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

THIRD: That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st The corporate name of said Company shall be,
ExxonMobil Oil Corporation",

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

CSC
CSC

5184334741

06/01 '01 08:47 NO.410 04/05
06/01 '01 09:06 NO.133 03/04

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.



F. A. Risch, President

STATE OF TEXAS)
COUNTY OF DALLAS)

F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.



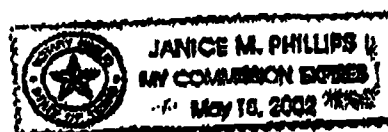
F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL]



NOTARY PUBLIC, STATE OF TEXAS



=> CSC

.TEL=5184334741

06/01'01 08:19

CSC
CSC

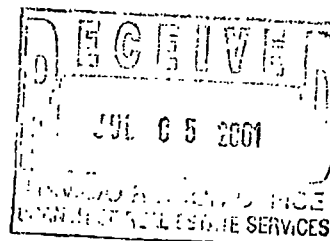
5184334741

06/01 '01 09:01 NO.411 02/02
06/01 '01 09:06 NO.153 04/04
F010601000187**CSC 45****CERTIFICATE OF AMENDMENT****OF****MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

*SAC***STATE OF NEW YORK
DEPARTMENT OF STATE**Filed by: EXXONMOBIL CORPORATION
(Name)

FILED JUN 01 2001

5959 Las Colinas Blvd.
(Mailing address)TAX \$
BY: *SAC*Irving, TX 75039-2298
(City, State and Zip code)*ny Albany**Cust Ref # 165578 MPJ***010601000195**

=> CSC

TEL=5184334741

06/01'01 08:19

*State of New York }
Department of State }* ss:

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.

Witness my hand and seal of the Department of State on **JUN 01 2001**



Special Deputy Secretary of State

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **Injection Well**

2. Name of Operator

Exxon Mobil Corporation

3a. Address **P.O. Box 4358
Houston TX 77210-4358**

3b. Phone No. (include area code)
(713) 431-1828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1830' FNL & 2040' FWL; SE/SW

Sec 11 T41S R24E

5. Lease Serial No.
14-20-603-5448

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA/Agreement, Name and/or No.

McElmo Creek Unit

8. Well Name and No.

McElmo Creek Unit C-18

9. API Well No.

43-037-15702

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | _____ |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | _____ |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including recalculation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS IS A CATEGORY I WORKOVER DUE TO THE WELL BEING LOCATED <500' FROM A RIVER DRAINAGE AREA, AND GREATER THAN 13 PPG KILL WEIGHT FLUID IS REQUIRED TO KILL THE WELL. THE REQUIRED KILL WEIGHT FLUID FOR THE WELL IS 15.6 PPG.

BOPE CLASSIFICATION: CLASS III-B FOR SOUR SERVICE (MASIP CALCULATED TO BE 1902 PSI).

SEE ATTACHED PROCEDURE:

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: **4/2/02**

By: **[Signature]**

Federal Approval Of This
Action Is Necessary

COPY SENT TO OPERATOR

Date: **4-2-02**
Initials: **CHN**

RECEIVED

**DIVISION OF
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Cathy W. Higginbotham

Title

Staff Office Assistant

Signature

Cathy W. Higginbotham

Date

03/25/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

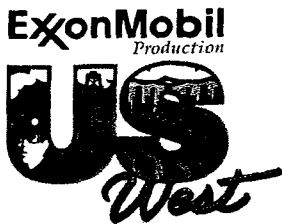
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on Reverse)



McElmo Creek Unit C-18
Greater Aneth Field
San Juan County, Utah



NOTE: Notify the BLM and Navaho EPA at least 48 hours in advance prior to rigging up on the well. Document the date and time of notification of both parties. Record all documentation in WWS. If representatives from the agencies are on site during plugging operations, record the names of the representatives, the date they were there, etc. Also record all communications in WWS.

1. Bleed off any pressure on the casing annuli to the tanks on location. ~~MIRU WLSU. Close the master valve on the wellhead. NU a Class II-B lubricator and WLBOPE. Install and test per ExxonMobil guidelines.~~
2. Open the master valve and run in hole with a plug that will fit in a Model R non-ported seating nipple (ID: 1.781") on wireline.
3. RIH w/ a tubing perforating gun to +/- 5125' and shoot holes in the tubing string so kill weight fluid can be circulated into the casing/tubing annulus. **Note: Kill weight fluid must be a minimum of 15.6 ppg mud.**

Rig up and Pull Tubing

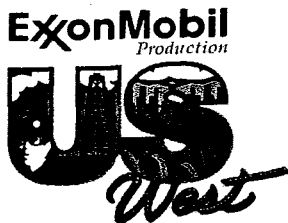
4. POOH w/the wireline. Circulate the well with 15.6 ppg or greater kill weight fluid. ND lubricator and WLBOPE. MIRU WSU. ND tree, NU Class III-B BOPE equipment with 2 7/8" pipe rams. Install and test per ExxonMobil guidelines.
5. RBIH w/wireline and retrieve the plug from the R Nipple.
6. Unset the packer and POOH laying down the tubing string and packer. **Note: POOH at a rate slow enough to prevent swabbing in the well.**

Set Retainer and Squeeze Perfs

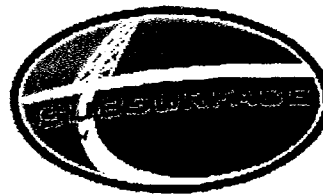
7. RIH with a 5 1/2" cement retainer on 2 7/8" workstring. **Make sure that the cement retainer can pass through 5 1/2" 14#/ft J-55 casing.** Set the retainer @ +/- 5188' (50' above the top perforation). Verify the ability to sting out of the retainer.
8. Sting back into the retainer and pressure test the retainer to 1000 psi by pressuring up on the backside.
9. MIRU cmt company. **Hold a Safety Meeting to discuss the scope of the job as well as personnel safety. Fill out any necessary JSA/JSC's.** Test lines and pump cement as detailed in the cementing recommendation. Follow WOM guidelines for High Pressure Pumping.
10. Pump 50 - 100 sxs of Class G cement until a squeeze is achieved. Once a squeeze is achieved, sting out of the retainer and circulate the wellbore clean with 10 ppg kill weight fluid.
11. Spot a 140 sk (29.4 bbl) balanced plug of cmt. ^{ON TOP OF CMT} Follow the cmt with 22.4 bbls of 10 ppg kill weight fluid to balance out the cmt plug. POOH with the tubing to a depth of 3900' laying down the excess tubing. **Pulling the tubing to 3900' will ensure that the tubing is completely pulled out of the cement.** Reverse circulate any excess cmt from the tubing string.

Note: This plug will cover the Hermosa Formation. Height of cement column after the tubing is pulled is approximately 3984'. Top of Hermosa formation is @ 4313'.

12. WOC and tag the top of the cement plug. Record the depth, time, date, and witnesses on WWS daily morning report. POOH w/workstring.



McElmo Creek Unit C-18
Greater Aneth Field
San Juan County, Utah



Perforate the Production Casing

13. MIRU WLSU. Install lubricator and WLBOPE and test per ExxonMobil guidelines.
14. RIH w/a 4" casing gun loaded w/4 spf. Perforate the 5 1/2" casing from ~1248' = 1250' (total of 8 shots). POOH and RDMO WLSU.

Set Retainer and Squeeze Cement Casing String

15. PU and RIH w/a 5 1/2" cement retainer on 2 7/8" workstring. Set the retainer @ +/- 1198'.
16. MIRU Cementing company. Close annular BOP and attempt to establish circulation to surface on the back side of the 5 1/2" casing. **Note: If circulation cannot be established, the perms will need to be squeezed, and the well may need to be perforated in another section of the casing until we can establish a circulation rate.**
17. Mix and pump ~ 190 sxs of Class B 65/35 % poz + 6% gel. The cement weight is 12.7ppg with a yield of 1.79 ft³/sk. This should place the TOC to the surface on the backside of the 5 1/2" casing. **Note: If cement does not circulate to surface, a temperature survey may need to be run in the well to determine where the top of cement is as per the request of the BLM representative on location.**
18. Sting out of the retainer and fill the 5 1/2" casing interval (6' - 1198') above the cement retainer with approximately 115 sacks of Class G cement.
19. POOH and LD the workstring.

Cut Off the Wellhead

20. ND BOPE. Dig out around the wellhead. RIH w/a 5 1/2" mechanical cutter and cut off the 5 1/2" casing 6' below ground level. Cut off the A section and remove the wellhead.
21. Top-fill all casing strings w/neat cmt if needed.
22. Weld a steel cap across the **SURFACE CASING STUB** stating the following.
- a) ExxonMobil Prod Company US West
 - b) McElmo Creek Unit #C-18
 - c) Navajo Tribal Lease # 14-20-603-5448
 - d) KB: 4450'
 - e) 1830' FNL, 2040' FWL
 - f) Sec 11, T41S, R24E
 - g) San Juan County, Utah
23. RDMO WSU. Clean and level the location. Cut the deadmen (anchors). Notify Cathy Higginbotham (713-431-1828) when the work is complete so a sundry notice (form 3160-5) can be filed w/the BLM.
24. Send the wellhead to the shop for repairs and return it to the field so it can be accounted for as equipment surplus.

API Well No: 43-037-15702-00-00

Permit No: UIC-076.4

Well Name/No: MCELMO CR C-18

Company Name: MOBIL EXPLOR & PROD

Location: Sec: 11 T: 41S R: 24E Spot: SENW

Coordinates: X: 655027 Y: 4122604

Field Name: GREATER ANETH

County Name: SAN JUAN

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	175	17.25		
SURF	175	13.375	27.1	175
HOL2	1198	11		
II	1198	8.625	24	1198
HOL3	5474	7.875		
PROD	5474	5.5	14	5474
TI	5219	2.875		
PKR	5219			

Cement from 175 ft.

Surface: 13.375 in. @ 175 ft.

Hole: 17.25 in. @ 175 ft.

Cement from 1198 ft. to surface

Intermediate: 8.625 in. @ 1198 ft.

Hole: 11 in. @ 1198 ft.

> 1248' - 50' synholes

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
II	1198	0	UK	675
PROD	5474		UK	232
SURF	175		C	175

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
5268	5404			

Formation Information

Formation	Depth	Formation	Depth
NAVA	0		
CHIN	1190		
SRMP	2120		
MNKP	2195		
HOSKI	2310		
DECHLY	2390		
ORRK	2550		
HNKRT	4312		
ISMY	5125		
DSCR	5463		

Capacities

$$5.5'' \text{ 14 ft} = 7.299 \text{ f/cf} = 40.98 \text{ f/bbl}$$

$$5.5'' \times 7.875'' \text{ hole} = \frac{(1.2)(7.875)^2 - 5.5^2}{183.35} = 0.7221 \text{ f/cf}$$

$$5.5'' \times 8 \frac{3}{8}'' \text{ casing} = 5.192 \text{ f/cf}$$

TD: 5475 TVD:

PBTD:

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **06-01-2001**

FROM: (Old Operator):	TO: (New Operator):
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

CA No.

Unit:

MCELMO CREEK

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO 2-D (MCELMO A-17)	10-41S-24E	43-037-16338	99990	INDIAN	WI	A
MCELMO CR C-18	11-41S-24E	43-037-15702	5980	INDIAN	WI	A
NAVAJO H-2 (MCELMO D-17)	11-41S-24E	43-037-15704	99990	INDIAN	WI	A
NAVAJO D-2 (MCELMO E-19)	11-41S-24E	43-037-16342	99990	INDIAN	WI	A
MCELMO CR G-18	12-41S-24E	43-037-15494	5980	INDIAN	WI	A
MCELMO CREEK I-18	12-41S-24E	43-037-15709	5980	INDIAN	WI	A
MCELMO CREEK I-20	12-41S-24E	43-037-15710	5980	INDIAN	WI	A
NAVAJO TRACT 13-4 (MCELMO F-17)	12-41S-24E	43-037-15493	99990	INDIAN	WI	A
NAVAJO TRACT 13-3 (MCELMO H-17)	12-41S-24E	43-037-15496	99990	INDIAN	WI	A
NAVAJO J-2 (MCELMO G-19)	12-41S-24E	43-037-16346	99990	INDIAN	WI	A
NAVAJO E 23-13 (MCELMO G-23)	13-41S-24E	43-037-16348	99990	INDIAN	WI	A
MCELMO CREEK UNIT I-23	13-41S-24E	43-037-16352	99990	INDIAN	WI	A
MCELMO CR G-21A	13-41S-24E	43-037-30974	5980	INDIAN	WI	A
NAVAJO E 41-14 (MCELMO E-21)	14-41S-24E	43-037-16343	99990	INDIAN	WI	A
NAVAJO E 43-14 (MCELMO E-23)	14-41S-24E	43-037-16344	99990	INDIAN	WI	A
MCELMO CREEK G-25	24-41S-24E	43-037-16349	99996	INDIAN	WI	A
MCELMO CREEK U I-25	24-41S-24E	43-037-16353	99990	INDIAN	WI	A
NAVAJO P-12 (MCELMO V-13)	03-41S-25E	43-037-16383	99990	INDIAN	WI	A
NAVAJO P-10 (MCELMO V-15)	03-41S-25E	43-037-16384	99990	INDIAN	WI	A
MCELMO CREEK S-14	04-41S-25E	43-037-16151	5980	INDIAN	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
5. If **NO**, the operator was contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 04/16/2002

NOTE: EPA ISSUES UIC PERMITS

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 04/16/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 80273197

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

Permits

SUNDRY NOTICES AND REPORTS ON WELLS

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JUN 03 2002

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

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☐ Oil Well ☐ Gas Well ☒ Other **Injection Well**

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Exxon Mobil Corporation

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Houston

TX 77210-4358

3b. Phone No. (include area code)

(713) 431-1828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1830' FNL & 2040' FWL; SE/SW

Sec 11 T41S R24E

5. Lease Serial No.

14-20-603-5448

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA/Agreement, Name and/or No.

McElmo Creek Unit

8. Well Name and No.

McElmo Creek Unit

C-18

9. API Well No.

43-037-15702

GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | _____ |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | _____ |

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SEE ATTACHMENT FOR PROCEDURE.

**Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.**

2002 MAY 10 10:25 AM
RECEIVED
APR 24 2006
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Cathy W. Higginbotham

Title

Staff Office Assistant

Signature

Cathy Higginbotham

Date

05/09/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

29 2002

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FAH... OFFICE

title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Instructions on Reverse)

OPERATOR

McElmo Creek Unit #C-18
San Juan County, Utah
14-20-603-5448

2002/04/03 (Wednesday)

REPORT CREATED BY J W SIMONS. MIRU WSU. SPOT EQUIPMENT AND TIG ONTO TBG. FLOW BACK 70 BBLs TO ESTABLISH KWF. SITP 1500 PSI. TEST CSG TO 1000 PSI. HELD GOOD SION.

2002/04/04 (Thursday)

SITP/CP = 1500#. RU CHOKE AND FLOW BACK 45 BBLs. SITP 1250 PSI. RU WIRELINE AND TEST BOPE. SITP NOW 1500 PSI. ATTEMPT TO RIH TO PERF TBG. GREASE INJECTOR NOT WORKING. SION.

2002/04/05 (Friday)

SITP/CP = 1500#. RU WIRELINE AND ATTEMPT TO RIH. GOT 700' AND COULD NOT GO DOWN. POOH AND PU ADDITIONAL WEIGHT BAR. STILL COULD NOT GET BELOW 700'. POOH AND RD WIRELINE. RU TO CIRC KWF. PUMP ~105 BBLs OF 15.5 PPG MUD. WELL DEAD. NDWH, NU AND TEST BOPE. RELEASED SEAL ASSEMBLY FROM GUIBERSON UNI X PACKER AND LAY DOWN LANDING JT AND SUBS. SION.

2002/04/06 (Saturday)

SITP = 0. CASING FLOWING. CIRC 15.5 PPG MUD. WELL DEAD. POOH W/ 162 JTS OF C/L TBG AND SEAL ASSEMBLY. PU BIT AND CSG SCRAPER AND RIH. POOH LAYING DOWN C/L TBG. PU CMT RETAINER AND RIH ON WORKSTRING. 22 JTS IN WELL BEGAN TO FLOW. ATTEMPT TO SLUG WELL TO KILL. NO LUCK. FOUND BAD VALVE ON PUMP MANIFOLD. EVIDENTLY WE WERE NOT FILLING THE HOLE WHILE TRIPPING OUT. BULLHEAD 65 BBLs DOWN CASING AND SION.

2002/04/08 (Monday)

SITP/CP = 100#. CIRC WELL WITH 15.5 PPG KWF. WELL DEAD. FINISH PU WORKSTRING. SET CMT RETAINER AT 5089'. ROLL HOLE W/ 10 PPG BRINE. MIRU SCHLUMBERGER. TEST LINES AND MIX AND PUMP CEMENT AS FOLLOWS: ~110 SACKS OF CLASS 'G' CEMENT W/ FLUID LOSS BELOW THE RETAINER. STING OUT AND PUMP ~140 SACKS OF CLASS 'G' CEMENT ON TOP OF RETAINER. POOH LAYING DOWN TBG TO CLEAR TOP OF CEMENT. ESTIMATED TOC IS 3894'. REVERSE TBG CLEAN AND FINISH POOH. MIRU WIRELINE AND RIH AND PERF CSG FROM 1290-1292'. POOH AND RD WIRELINE. ATTEMPT TO ESTABLISH CIRC OUT THE PERFS AND UP THE 8 5/8"X5.5" CSG ANNULUS. PRESSURED UP TO 1000 PSI W/ NO CIRC. SION.

2002/04/09 (Tuesday)

SITP/CP = 0#. RU SCHLUMBERGER AND PRESSURE UP WELLBORE TO 1200 PSI. GOT SMALL RETURNS AS PRESSURE BLED OFF SLOWLY. CONTINUED TO PRESSURE UP AND FINALLY GOT GOOD CIRC. RIH AND SET CMT RETAINER AT ~1198'. MIX AND PUMP 200 SACKS (65 BBLs) OF CLASS 'G' 65/35 POZ 12.7 PPG CEMENT UNTIL WE HAD GOOD CEMENT IN OUR RETURNS. 7 BBLs OF CEMENT CIRCULATED INTO PIT. STING OUT AND PUMPED ~120 SACKS (25 BBLs) OF CLASS 'G' NEAT CEMENT. FILLED 5.5" CSG TO SURFACE AND POOH W/ TBG. TOPPED OFF WELL AND NDBOPE. INSTALL FLANGE AND VALVE AND SION.

McElmo Creek Unit #C-18
San Juan County, Utah
14-20-603-5448

2002/04/10 (Wednesday)

RDWSU. CLEAN LOCATION AND MO. NOTE: THE C/L TBG PULLED FROM THE WELL
WILL BE SENT IN FOR RECONDITIONING. WELL SHOULD SEE A CREDIT IN THE
AMOUNT OF ~\$15K WHEN COMPLETED.

2002/04/26 (Friday)

CUT OFF WELLHEAD. CAP AND BACKFILL. JOB COMPLETE.

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: 6/1/2006	
FROM: (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936	TO: (New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600
CA No.	Unit: MC ELMO (UIC)

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
- If **NO**, the operator was contacted on: _____
- (R649-9-2)Waste Management Plan has been received on: requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/22/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: 6/22/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: PA002769
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

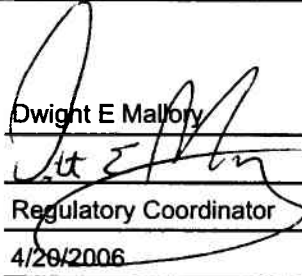
Well Name and Number See attached list	API Number Attached
Location of Well Footage : See attached list County : San Juan QQ, Section, Township, Range: State : UTAH	Field or Unit Name McElmo Creek Unit Lease Designation and Number See attached list

EFFECTIVE DATE OF TRANSFER: 6/1/2006

CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: _____
Address: PO Box 4358 Signature: _____
city Houston state TX zip 77210-4358 Title: _____
Phone: (281) 654-1936 Date: _____
Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory
Address: 1675 Broadway, Suite 1950 Signature: 
city Denver state CO zip 80202 Title: Regulatory Coordinator
Phone: (303) 534-4600 Date: 4/26/2006
Comments: A list of affected UIC wells is attached.
New bond numbers for these wells are:
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by: 
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo Tribe

7. UNIT or CA AGREEMENT NAME:

McElmo Creek Unit

8. WELL NAME and NUMBER:

See attached list

9. API NUMBER:

Attached

10. FIELD AND POOL, OR WILDCAT:

Greater Aneth

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER Unit Agreement

2. NAME OF OPERATOR:

Resolute Natural Resources Company

N2700

3. ADDRESS OF OPERATOR:

1675 Broadway, Suite 1950

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 534-4600

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached list

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the McElmo Creek Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the McElmo Creek Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT)

Dwight E. Mallory

TITLE

Regulatory Coordinator

SIGNATURE

DATE

4/20/2006

(This space for State use only)

APPROVED

6/22/06

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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APR 24 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <u>N 1855</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Ship Rock</u>
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY <u>Houston</u> STATE <u>TX</u> ZIP <u>77210-4358</u>		7. UNIT or CA AGREEMENT NAME: <u>UTU68930A</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		8. WELL NAME and NUMBER: <u>McElmo Creek</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER: <u>attached</u>
COUNTY: <u>San Juan</u>		10. FIELD AND POOL, OR WILDCAT: <u>Aneth</u>
STATE: <u>UTAH</u>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, McElmo Creek lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of injection wells included in the transfer.

NAME (PLEASE PRINT) <u>Laurie Kilbride</u>	TITLE <u>Permitting Supervisor</u>
SIGNATURE <u>Laurie B. Kilbride</u>	DATE <u>4/19/2006</u>

(This space for State use only)

APPROVED 6/22/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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APR 21 2006

DIV. OF OIL, GAS & MINING

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	H11	430371635000S1	Active	14-20-0603-6145	NW	SE	36	40S	24E	1855FSL	2100FEL
MCELMO CREEK	I12	430371561900S1	Active	14-20-0603-6145	SE	SE	36	40S	24E	0595FSL	0595FEL
MCELMO CREEK	F11	430371561700S1	Shut-in	14-20-0603-6146	NW	SW	36	40S	24E	1885FSL	0820FWL
MCELMO CREEK	G12	430371561800S1	Active	14-20-0603-6146	SE	SW	36	40S	24E	1910FNL	2051FWL
MCELMO CREEK	D15	430371634100S1	Active	14-20-0603-6147	NW	SE	2	41S	24E	1830FSL	1830FEL
MCELMO CREEK	A17	430371633800S1	Active	14-20-0603-6148	NE	NE	10	41S	24E	1270FNL	0660FEL
MCELMO CREEK	C14	430371626500S1	Active	14-20-0603-6509	SE	NW	2	41S	24E	2140FNL	2140FWL
MCELMO CREEK	D13	430371626700S1	Active	14-20-0603-6510	NW	NE	2	41S	24E	0820FNL	1920FEL
MCELMO CREEK	E14	430371626800S1	Active	14-20-0603-6510	SE	NE	2	41S	24E	2050FNL	0500FEL
MCELMO CREEK	T08	430371637700S1	Shut-in	14-20-603-2048A	SW	SE	28	40S	25E	0660FSL	1980FEL
MCELMO CREEK	R09	430371614700S1	Active	14-20-603-2057	NW	NW	33	40S	25E	0500FNL	0625FWL
MCELMO CREEK	R11A	430373017900S1	Active	14-20-603-2057	NW	SW	33	40S	25E	2030FSL	0680FWL
MCELMO CREEK	R13	430371614800S1	Active	14-20-603-2057	NW	NW	4	41S	25E	0660FNL	0660FWL
MCELMO CREEK	R15	430371614900S1	Active	14-20-603-2057	NW	SW	4	41S	25E	1990FSL	0500FWL
MCELMO CREEK	S10	430371637500S1	Active	14-20-603-2057	SE	NW	33	40S	25E	1980FNL	1980FWL
MCELMO CREEK	S12	430371615000S1	Active	14-20-603-2057	SE	SW	33	40S	25E	0645FSL	2140FWL
MCELMO CREEK	S14	430371615100S1	Active	14-20-603-2057	SE	NW	4	41S	25E	2005FNL	1820FWL
MCELMO CREEK	S16	430371615200S1	Active	14-20-603-2057	SE	SW	4	41S	25E	0700FSL	1820FWL
MCELMO CREEK	T09A	430373008000S1	Active	14-20-603-2057	NW	NE	33	40S	25E	0940FNL	2035FEL
MCELMO CREEK	T13	430371637800S1	Active	14-20-603-2057	NW	NE	4	41S	25E	0500FNL	2090FEL
MCELMO CREEK	T15	430371637900S1	Active	14-20-603-2057	NW	SE	4	41S	25E	1880FSL	1890FEL
MCELMO CREEK	U10	430371638100S1	Active	14-20-603-2057	SE	NE	33	40S	25E	1980FNL	0610FSL
MCELMO CREEK	U12	430371615500S1	Active	14-20-603-2057	SE	SE	33	40S	25E	0660FSL	0805FEL
MCELMO CREEK	U14	430371615600S1	Active	14-20-603-2057	SE	NE	4	41S	25E	1980FNL	0660FEL
MCELMO CREEK	U16	430371615700S1	Active	14-20-603-2057	SE	SE	4	41S	25E	0550FSL	0745FEL
MCELMO CREEK	V13	430371638300S1	Active	14-20-603-2057	NW	NW	3	41S	25E	0660FNL	0660FWL
MCELMO CREEK	V15	430371638400S1	Active	14-20-603-2057	NW	SW	3	41S	25E	1980FSL	0560FWL
MCELMO CREEK	J17	430371549800S1	Active	14-20-603-263	NW	NW	7	41S	25E	0820FNL	0550FWL
MCELMO CREEK	J19	430371635600S1	Active	14-20-603-263	NW	SW	7	41S	25E	2056FNL	1997FWL
MCELMO CREEK	J21	430371549900S1	Active	14-20-603-263	NW	NW	18	41S	25E	0400FNL	0575FWL
MCELMO CREEK	K18	430371635700S1	Active	14-20-603-263	SE	NW	7	41S	25E	1830FNL	1808FWL
MCELMO CREEK	K20	430371550300S1	Active	14-20-603-263	SE	SW	7	41S	25E	0660FSL	1810FWL
MCELMO CREEK	K22X	430373040000S1	Active	14-20-603-263	SE	NW	18	41S	25E	2082FNL	1588FWL
MCELMO CREEK	K24	430371635800S1	Active	14-20-603-263	SE	SW	18	41S	25E	0660FSL	1801FWL
MCELMO CREEK	L17	430371636000S1	Active	14-20-603-263	NW	NE	7	41S	25E	0660FNL	1980FEL
MCELMO CREEK	L19	430371550500S1	Active	14-20-603-263	NW	SE	7	41S	25E	1860FSL	2140FEL
MCELMO CREEK	L21	430371550600S1	Active	14-20-603-263	NW	NE	18	41S	25E	0820FNL	1980FEL
MCELMO CREEK	L23	430371550700S1	Active	14-20-603-263	NW	SE	18	41S	25E	1980FSL	1980FEL
MCELMO CREEK	M18	430371551000S1	Active	14-20-603-263	SE	NE	7	41S	25E	1850FNL	0790FEL
MCELMO CREEK	M20	430371551100S1	Shut-in	14-20-603-263	SE	SE	7	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N17	430371551400S1	Active	14-20-603-263	NW	NW	8	41S	25E	0810FNL	0660FWL
MCELMO CREEK	N19	430371551500S1	Active	14-20-603-263	NW	SW	8	41S	25E	1850FSL	0500FWL
MCELMO CREEK	N21	430371551600S1	Active	14-20-603-263	NW	NW	17	41S	25E	0660FNL	0660FWL
MCELMO CREEK	O18	430371551700S1	Active	14-20-603-263	SE	NW	8	41S	25E	1830FNL	1890FWL
MCELMO CREEK	P17	430371551900S1	Active	14-20-603-263	NW	NE	8	41S	25E	0660FNL	1980FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	P19	430371552000S1	Active	14-20-603-263	NW	SE	8	41S	25E	2140FSL	1980FEL
MCELMO CREEK	P21	430371636900S1	Active	14-20-603-263	NW	NE	17	41S	25E	0660FNL	1980FEL
MCELMO CREEK	P23A	430373143900S1	Active	14-20-603-263	SW	NE	17	41S	25E	2531FNL	2325FEL
MCELMO CREEK	L25	430371550800S1	Active	14-20-603-264	NW	NE	19	41S	25E	0660FNL	1980FEL
MCELMO CREEK	R17	430371597600S1	Active	14-20-603-359	NW	NW	9	41S	25E	0740FNL	0560FWL
MCELMO CREEK	R19	430371637300S1	Active	14-20-603-359	NW	SW	9	41S	25E	1980FSL	0660FWL
MCELMO CREEK	R21	430371637400S1	Active	14-20-603-359	NW	NW	16	41S	25E	0511FNL	0562FWL
MCELMO CREEK	T17	430371638000S1	Active	14-20-603-359	NW	NE	9	41S	25E	0675FNL	1933FEL
MCELMO CREEK	E21	430371634300S1	Active	14-20-603-370	NE	NE	14	41S	24E	0660FNL	0660FEL
MCELMO CREEK	E23	430371634400S1	Active	14-20-603-370	NE	SE	14	41S	24E	2031FSL	0711FEL
MCELMO CREEK	G21A	430373097400S1	Active	14-20-603-370	NE	NW	13	41S	24E	0867FNL	1883FWL
MCELMO CREEK	G23	430371634800S1	Shut-in	14-20-603-370	NE	SW	13	41S	24E	2092FSL	1899FWL
MCELMO CREEK	G25	430371634900S1	Active	14-20-603-370	NE	NW	24	41S	24E	0660FNL	1980FWL
MCELMO CREEK	I23	430371635200S1	Active	14-20-603-370	NE	SE	13	41S	24E	1980FSL	0660FEL
MCELMO CREEK	I25	430371635300S1	Active	14-20-603-370	NE	NE	24	41S	24E	0530FNL	0820FEL
MCELMO CREEK	J11	430371635400S1	TA'd	14-20-603-372	NW	SW	31	40S	25E	1980FSL	0660FWL
MCELMO CREEK	J13	430371635500S1	Active	14-20-603-372	NW	NW	6	41S	25E	0621FNL	0580FWL
MCELMO CREEK	J15	430371595400S1	Active	14-20-603-372	NW	SW	6	41S	25E	1980FSL	0500FWL
MCELMO CREEK	K12	430371595500S1	Active	14-20-603-372	SW	SW	31	40S	25E	0670FSL	1970FWL
MCELMO CREEK	K14	430371595600S1	Active	14-20-603-372	SE	NW	6	41S	25E	1851FNL	1885FWL
MCELMO CREEK	K16	430371595700S1	Active	14-20-603-372	SE	SW	6	41S	25E	0660FSL	1816FWL
MCELMO CREEK	L09	430371635900S1	Active	14-20-603-372	NW	NE	31	40S	25E	0660FNL	1980FEL
MCELMO CREEK	L13	430371595900S1	Active	14-20-603-372	NW	NE	6	41S	25E	0778FNL	1917FEL
MCELMO CREEK	L15	430371596000S1	Active	14-20-603-372	NW	SE	6	41S	25E	1820FSL	1830FEL
MCELMO CREEK	M10	430371596100S1	Shut-in	14-20-603-372	SE	NE	31	40S	25E	1980FNL	0530FEL
MCELMO CREEK	M12	430371596200S1	Active	14-20-603-372	SE	SE	31	40S	25E	0590FSL	0585FEL
MCELMO CREEK	M14	430371596300S1	Active	14-20-603-372	SE	NE	6	41S	25E	2089FNL	0773FEL
MCELMO CREEK	M16	430371636100S1	Active	14-20-603-372	SE	SE	6	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N09	430371596400S1	Shut-in	14-20-603-372	NW	NW	32	40S	25E	0628FNL	0615FWL
MCELMO CREEK	N11	430371596500S1	Active	14-20-603-372	NW	SW	32	40S	25E	2069FSL	0618FWL
MCELMO CREEK	N13	430371596600S1	Active	14-20-603-372	NW	NW	5	41S	25E	0840FNL	0505FWL
MCELMO CREEK	N15	430371636300S1	Active	14-20-603-372	NW	SW	5	41S	25E	2140FSL	820FWL
MCELMO CREEK	O12	430371596800S1	Active	14-20-603-372	SE	SW	32	40S	25E	0809FSL	1832FWL
MCELMO CREEK	O14	430371636500S1	Active	14-20-603-372	SE	NW	5	41S	25E	2056FNL	1997FWL
MCELMO CREEK	O16	430371596900S1	Active	14-20-603-372	SE	SW	5	41S	25E	0660FSL	1980FWL
MCELMO CREEK	P09	430371636700S1	Active	14-20-603-372	NW	NE	32	40S	25E	0598FNL	2100FEL
MCELMO CREEK	P11	430371597101S2	Active	14-20-603-372	NW	SE	32	40S	25E	2105FSL	2006FEL
MCELMO CREEK	P13	430371636800S1	Active	14-20-603-372	NW	NE	5	41S	25E	0610FNL	1796FWL
MCELMO CREEK	P15	430371597200S1	Active	14-20-603-372	NW	SE	5	41S	25E	1980FSL	1980FEL
MCELMO CREEK	Q10	430371597301S1	Active	14-20-603-372	SE	NE	32	40S	25E	1899FNL	0532FEL
MCELMO CREEK	Q16	430371597500S1	TA'd	14-20-603-372	SE	SE	5	41S	25E	0660FSL	0660FEL
MCELMO CREEK	F13	430371634500S1	Active	14-20-603-4032	NW	NW	1	41S	24E	0795FNL	0535FWL
MCELMO CREEK	F15A	430373114900S1	Active	14-20-603-4032	NW	SW	1	41S	24E	1920FSL	0624FWL
MCELMO CREEK	G14	430371614300S1	Active	14-20-603-4032	SE	NW	1	41S	24E	1980FNL	1980FWL
MCELMO CREEK	G16	430371614400S1	Active	14-20-603-4032	SE	SW	1	41S	24E	0820FSL	1820FWL
MCELMO CREEK	H13	430371635100S1	Active	14-20-603-4032	NW	NE	1	41S	24E	0540FNL	2110FEL
MCELMO CREEK	I-14	430371614500S1	Active	14-20-603-4032	SE	NE	1	41S	24E	1980FNL	0660FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location							
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot	
MCELMO CREEK	F17	430371549300S1	Active	14-20-603-4039	NW	NW	12	41S	24E	0740FNL	0500FWL	
MCELMO CREEK	G18	430371549400S1	Active	14-20-603-4039	SE	NW	12	41S	24E	1980FNL	1980FWL	
MCELMO CREEK	H15	430371549500S1	Active	14-20-603-4039	NW	SE	1	41S	24E	1980FSL	1980FEL	
MCELMO CREEK	H17	430371549600S1	Active	14-20-603-4039	NE	NW	12	41S	24E	0660FNL	1980FEL	
MCELMO CREEK	I18	430371570900S1	Active	14-20-603-4495	SE	NE	12	41S	24E	1840FNL	0555FEL	
MCELMO CREEK	E19	430371634200S1	Shut-in	14-20-603-5449	NE	SE	11	41S	24E	1980FSL	0660FEL	
MCELMO CREEK	G19	430371634600S1	Active	14-20-603-5450	NE	SW	12	41S	24E	1350FSL	1800FWL	
MCELMO CREEK	I20	430371571000S1	Active	14-20-603-5451	SE	SE	12	41S	24E	0990FSL	0500FEL	
MCELMO CREEK	N07	430371636200S1	Active	I-149-IND-8839	NE	SW	29	40S	25E	2083FSL	745FWL	
MCELMO CREEK	P07	430371636600S1	Active	I-149-IND-8839	NW	SE	29	40S	25E	1820FSL	2140FEL	
MCELMO CREEK	O10	430371596700S1	Active	NOG99041325	SE	NW	32	40S	25E	2086FNL	1944FWL	

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:		6/1/2006		
<table border="1"> <tr> <td> FROM: (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936 </td> <td> TO: (New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600 </td> </tr> </table>			FROM: (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936	TO: (New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600
FROM: (Old Operator): N1855-ExxonMobil Oil Corporation PO Box 4358 Houston, TX 77210-4358 Phone: 1 (281) 654-1936	TO: (New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1 (303) 534-4600			
CA No.	Unit:	MC ELMO (UIC)		

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
- If **NO**, the operator was contacted on: _____
- (R649-9-2)Waste Management Plan has been received on: requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 6/22/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: 6/22/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: n/a
- Indian well(s) covered by Bond Number: PA002769
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

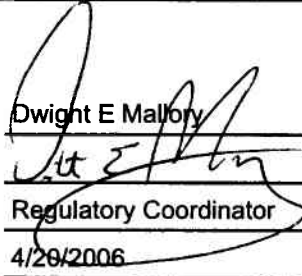
Well Name and Number See attached list	API Number Attached
Location of Well Footage : See attached list County : San Juan QQ, Section, Township, Range: State : UTAH	Field or Unit Name McElmo Creek Unit Lease Designation and Number See attached list

EFFECTIVE DATE OF TRANSFER: 6/1/2006

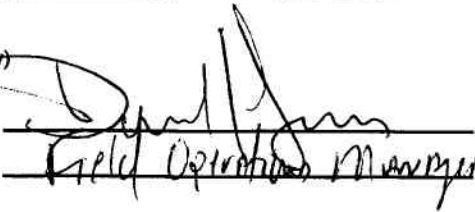
CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation Name: _____
Address: PO Box 4358 Signature: _____
city Houston state TX zip 77210-4358 Title: _____
Phone: (281) 654-1936 Date: _____
Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company Name: Dwight E Mallory
Address: 1675 Broadway, Suite 1950 Signature: 
city Denver state CO zip 80202 Title: Regulatory Coordinator
Phone: (303) 534-4600 Date: 4/26/2006
Comments: A list of affected UIC wells is attached.
New bond numbers for these wells are:
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by: 
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

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APR 24 2006
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Navajo Tribe

7. UNIT or CA AGREEMENT NAME:

McElmo Creek Unit

8. WELL NAME and NUMBER:

See attached list

9. API NUMBER:

Attached

10. FIELD AND POOL, OR WILDCAT:

Greater Aneth

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER Unit Agreement

2. NAME OF OPERATOR:

Resolute Natural Resources Company

N2700

3. ADDRESS OF OPERATOR:

1675 Broadway, Suite 1950

CITY

Denver

STATE

CO

ZIP

80202

PHONE NUMBER:

(303) 534-4600

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached list

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the McElmo Creek Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the McElmo Creek Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT)

Dwight E Mallory

TITLE

Regulatory Coordinator

SIGNATURE

DATE

4/20/2006

(This space for State use only)

APPROVED

6/22/06

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

APR 24 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <u>N1855</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Ship Rock</u>
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY <u>Houston</u> STATE <u>TX</u> ZIP <u>77210-4358</u>		7. UNIT or CA AGREEMENT NAME: <u>UTU68930A</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		8. WELL NAME and NUMBER: <u>McElmo Creek</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER: <u>attached</u>
		10. FIELD AND POOL, OR WILDCAT: <u>Aneth</u>
		COUNTY: <u>San Juan</u>
		STATE: <u>UTAH</u>

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, McElmo Creek lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of injection wells included in the transfer.

NAME (PLEASE PRINT) <u>Laurie Kilbride</u>	TITLE <u>Permitting Supervisor</u>
SIGNATURE <u>Laurie B. Kilbride</u>	DATE <u>4/19/2006</u>

(This space for State use only)

APPROVED 6/22/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
APR 21 2006

DIV. OF OIL, GAS & MINING

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	H11	430371635000S1	Active	14-20-0603-6145	NW	SE	36	40S	24E	1855FSL	2100FEL
MCELMO CREEK	I12	430371561900S1	Active	14-20-0603-6145	SE	SE	36	40S	24E	0595FSL	0595FEL
MCELMO CREEK	F11	430371561700S1	Shut-in	14-20-0603-6146	NW	SW	36	40S	24E	1885FSL	0820FWL
MCELMO CREEK	G12	430371561800S1	Active	14-20-0603-6146	SE	SW	36	40S	24E	1910FNL	2051FWL
MCELMO CREEK	D15	430371634100S1	Active	14-20-0603-6147	NW	SE	2	41S	24E	1830FSL	1830FEL
MCELMO CREEK	A17	430371633800S1	Active	14-20-0603-6148	NE	NE	10	41S	24E	1270FNL	0660FEL
MCELMO CREEK	C14	430371626500S1	Active	14-20-0603-6509	SE	NW	2	41S	24E	2140FNL	2140FWL
MCELMO CREEK	D13	430371626700S1	Active	14-20-0603-6510	NW	NE	2	41S	24E	0820FNL	1920FEL
MCELMO CREEK	E14	430371626800S1	Active	14-20-0603-6510	SE	NE	2	41S	24E	2050FNL	0500FEL
MCELMO CREEK	T08	430371637700S1	Shut-in	14-20-603-2048A	SW	SE	28	40S	25E	0660FSL	1980FEL
MCELMO CREEK	R09	430371614700S1	Active	14-20-603-2057	NW	NW	33	40S	25E	0500FNL	0625FWL
MCELMO CREEK	R11A	430373017900S1	Active	14-20-603-2057	NW	SW	33	40S	25E	2030FSL	0680FWL
MCELMO CREEK	R13	430371614800S1	Active	14-20-603-2057	NW	NW	4	41S	25E	0660FNL	0660FWL
MCELMO CREEK	R15	430371614900S1	Active	14-20-603-2057	NW	SW	4	41S	25E	1990FSL	0500FWL
MCELMO CREEK	S10	430371637500S1	Active	14-20-603-2057	SE	NW	33	40S	25E	1980FNL	1980FWL
MCELMO CREEK	S12	430371615000S1	Active	14-20-603-2057	SE	SW	33	40S	25E	0645FSL	2140FWL
MCELMO CREEK	S14	430371615100S1	Active	14-20-603-2057	SE	NW	4	41S	25E	2005FNL	1820FWL
MCELMO CREEK	S16	430371615200S1	Active	14-20-603-2057	SE	SW	4	41S	25E	0700FSL	1820FWL
MCELMO CREEK	T09A	430373008000S1	Active	14-20-603-2057	NW	NE	33	40S	25E	0940FNL	2035FEL
MCELMO CREEK	T13	430371637800S1	Active	14-20-603-2057	NW	NE	4	41S	25E	0500FNL	2090FEL
MCELMO CREEK	T15	430371637900S1	Active	14-20-603-2057	NW	SE	4	41S	25E	1880FSL	1890FEL
MCELMO CREEK	U10	430371638100S1	Active	14-20-603-2057	SE	NE	33	40S	25E	1980FNL	0610FSL
MCELMO CREEK	U12	430371615500S1	Active	14-20-603-2057	SE	SE	33	40S	25E	0660FSL	0805FEL
MCELMO CREEK	U14	430371615600S1	Active	14-20-603-2057	SE	NE	4	41S	25E	1980FNL	0660FEL
MCELMO CREEK	U16	430371615700S1	Active	14-20-603-2057	SE	SE	4	41S	25E	0550FSL	0745FEL
MCELMO CREEK	V13	430371638300S1	Active	14-20-603-2057	NW	NW	3	41S	25E	0660FNL	0660FWL
MCELMO CREEK	V15	430371638400S1	Active	14-20-603-2057	NW	SW	3	41S	25E	1980FSL	0560FWL
MCELMO CREEK	J17	430371549800S1	Active	14-20-603-263	NW	NW	7	41S	25E	0820FNL	0550FWL
MCELMO CREEK	J19	430371635600S1	Active	14-20-603-263	NW	SW	7	41S	25E	2056FNL	1997FWL
MCELMO CREEK	J21	430371549900S1	Active	14-20-603-263	NW	NW	18	41S	25E	0400FNL	0575FWL
MCELMO CREEK	K18	430371635700S1	Active	14-20-603-263	SE	NW	7	41S	25E	1830FNL	1808FWL
MCELMO CREEK	K20	430371550300S1	Active	14-20-603-263	SE	SW	7	41S	25E	0660FSL	1810FWL
MCELMO CREEK	K22X	430373040000S1	Active	14-20-603-263	SE	NW	18	41S	25E	2082FNL	1588FWL
MCELMO CREEK	K24	430371635800S1	Active	14-20-603-263	SE	SW	18	41S	25E	0660FSL	1801FWL
MCELMO CREEK	L17	430371636000S1	Active	14-20-603-263	NW	NE	7	41S	25E	0660FNL	1980FEL
MCELMO CREEK	L19	430371550500S1	Active	14-20-603-263	NW	SE	7	41S	25E	1860FSL	2140FEL
MCELMO CREEK	L21	430371550600S1	Active	14-20-603-263	NW	NE	18	41S	25E	0820FNL	1980FEL
MCELMO CREEK	L23	430371550700S1	Active	14-20-603-263	NW	SE	18	41S	25E	1980FSL	1980FEL
MCELMO CREEK	M18	430371551000S1	Active	14-20-603-263	SE	NE	7	41S	25E	1850FNL	0790FEL
MCELMO CREEK	M20	430371551100S1	Shut-in	14-20-603-263	SE	SE	7	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N17	430371551400S1	Active	14-20-603-263	NW	NW	8	41S	25E	0810FNL	0660FWL
MCELMO CREEK	N19	430371551500S1	Active	14-20-603-263	NW	SW	8	41S	25E	1850FSL	0500FWL
MCELMO CREEK	N21	430371551600S1	Active	14-20-603-263	NW	NW	17	41S	25E	0660FNL	0660FWL
MCELMO CREEK	O18	430371551700S1	Active	14-20-603-263	SE	NW	8	41S	25E	1830FNL	1890FWL
MCELMO CREEK	P17	430371551900S1	Active	14-20-603-263	NW	NE	8	41S	25E	0660FNL	1980FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	P19	430371552000S1	Active	14-20-603-263	NW	SE	8	41S	25E	2140FSL	1980FEL
MCELMO CREEK	P21	430371636900S1	Active	14-20-603-263	NW	NE	17	41S	25E	0660FNL	1980FEL
MCELMO CREEK	P23A	430373143900S1	Active	14-20-603-263	SW	NE	17	41S	25E	2531FNL	2325FEL
MCELMO CREEK	L25	430371550800S1	Active	14-20-603-264	NW	NE	19	41S	25E	0660FNL	1980FEL
MCELMO CREEK	R17	430371597600S1	Active	14-20-603-359	NW	NW	9	41S	25E	0740FNL	0560FWL
MCELMO CREEK	R19	430371637300S1	Active	14-20-603-359	NW	SW	9	41S	25E	1980FSL	0660FWL
MCELMO CREEK	R21	430371637400S1	Active	14-20-603-359	NW	NW	16	41S	25E	0511FNL	0562FWL
MCELMO CREEK	T17	430371638000S1	Active	14-20-603-359	NW	NE	9	41S	25E	0675FNL	1933FEL
MCELMO CREEK	E21	430371634300S1	Active	14-20-603-370	NE	NE	14	41S	24E	0660FNL	0660FEL
MCELMO CREEK	E23	430371634400S1	Active	14-20-603-370	NE	SE	14	41S	24E	2031FSL	0711FEL
MCELMO CREEK	G21A	430373097400S1	Active	14-20-603-370	NE	NW	13	41S	24E	0867FNL	1883FWL
MCELMO CREEK	G23	430371634800S1	Shut-in	14-20-603-370	NE	SW	13	41S	24E	2092FSL	1899FWL
MCELMO CREEK	G25	430371634900S1	Active	14-20-603-370	NE	NW	24	41S	24E	0660FNL	1980FWL
MCELMO CREEK	I23	430371635200S1	Active	14-20-603-370	NE	SE	13	41S	24E	1980FSL	0660FEL
MCELMO CREEK	I25	430371635300S1	Active	14-20-603-370	NE	NE	24	41S	24E	0530FNL	0820FEL
MCELMO CREEK	J11	430371635400S1	TA'd	14-20-603-372	NW	SW	31	40S	25E	1980FSL	0660FWL
MCELMO CREEK	J13	430371635500S1	Active	14-20-603-372	NW	NW	6	41S	25E	0621FNL	0580FWL
MCELMO CREEK	J15	430371595400S1	Active	14-20-603-372	NW	SW	6	41S	25E	1980FSL	0500FWL
MCELMO CREEK	K12	430371595500S1	Active	14-20-603-372	SW	SW	31	40S	25E	0670FSL	1970FWL
MCELMO CREEK	K14	430371595600S1	Active	14-20-603-372	SE	NW	6	41S	25E	1851FNL	1885FWL
MCELMO CREEK	K16	430371595700S1	Active	14-20-603-372	SE	SW	6	41S	25E	0660FSL	1816FWL
MCELMO CREEK	L09	430371635900S1	Active	14-20-603-372	NW	NE	31	40S	25E	0660FNL	1980FEL
MCELMO CREEK	L13	430371595900S1	Active	14-20-603-372	NW	NE	6	41S	25E	0778FNL	1917FEL
MCELMO CREEK	L15	430371596000S1	Active	14-20-603-372	NW	SE	6	41S	25E	1820FSL	1830FEL
MCELMO CREEK	M10	430371596100S1	Shut-in	14-20-603-372	SE	NE	31	40S	25E	1980FNL	0530FEL
MCELMO CREEK	M12	430371596200S1	Active	14-20-603-372	SE	SE	31	40S	25E	0590FSL	0585FEL
MCELMO CREEK	M14	430371596300S1	Active	14-20-603-372	SE	NE	6	41S	25E	2089FNL	0773FEL
MCELMO CREEK	M16	430371636100S1	Active	14-20-603-372	SE	SE	6	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N09	430371596400S1	Shut-in	14-20-603-372	NW	NW	32	40S	25E	0628FNL	0615FWL
MCELMO CREEK	N11	430371596500S1	Active	14-20-603-372	NW	SW	32	40S	25E	2069FSL	0618FWL
MCELMO CREEK	N13	430371596600S1	Active	14-20-603-372	NW	NW	5	41S	25E	0840FNL	0505FWL
MCELMO CREEK	N15	430371636300S1	Active	14-20-603-372	NW	SW	5	41S	25E	2140FSL	820FWL
MCELMO CREEK	O12	430371596800S1	Active	14-20-603-372	SE	SW	32	40S	25E	0809FSL	1832FWL
MCELMO CREEK	O14	430371636500S1	Active	14-20-603-372	SE	NW	5	41S	25E	2056FNL	1997FWL
MCELMO CREEK	O16	430371596900S1	Active	14-20-603-372	SE	SW	5	41S	25E	0660FSL	1980FWL
MCELMO CREEK	P09	430371636700S1	Active	14-20-603-372	NW	NE	32	40S	25E	0598FNL	2100FEL
MCELMO CREEK	P11	430371597101S2	Active	14-20-603-372	NW	SE	32	40S	25E	2105FSL	2006FEL
MCELMO CREEK	P13	430371636800S1	Active	14-20-603-372	NW	NE	5	41S	25E	0610FNL	1796FWL
MCELMO CREEK	P15	430371597200S1	Active	14-20-603-372	NW	SE	5	41S	25E	1980FSL	1980FEL
MCELMO CREEK	Q10	430371597301S1	Active	14-20-603-372	SE	NE	32	40S	25E	1899FNL	0532FEL
MCELMO CREEK	Q16	430371597500S1	TA'd	14-20-603-372	SE	SE	5	41S	25E	0660FSL	0660FEL
MCELMO CREEK	F13	430371634500S1	Active	14-20-603-4032	NW	NW	1	41S	24E	0795FNL	0535FWL
MCELMO CREEK	F15A	430373114900S1	Active	14-20-603-4032	NW	SW	1	41S	24E	1920FSL	0624FWL
MCELMO CREEK	G14	430371614300S1	Active	14-20-603-4032	SE	NW	1	41S	24E	1980FNL	1980FWL
MCELMO CREEK	G16	430371614400S1	Active	14-20-603-4032	SE	SW	1	41S	24E	0820FSL	1820FWL
MCELMO CREEK	H13	430371635100S1	Active	14-20-603-4032	NW	NE	1	41S	24E	0540FNL	2110FEL
MCELMO CREEK	I-14	430371614500S1	Active	14-20-603-4032	SE	NE	1	41S	24E	1980FNL	0660FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location							
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot	
MCELMO CREEK	F17	430371549300S1	Active	14-20-603-4039	NW	NW	12	41S	24E	0740FNL	0500FWL	
MCELMO CREEK	G18	430371549400S1	Active	14-20-603-4039	SE	NW	12	41S	24E	1980FNL	1980FWL	
MCELMO CREEK	H15	430371549500S1	Active	14-20-603-4039	NW	SE	1	41S	24E	1980FSL	1980FEL	
MCELMO CREEK	H17	430371549600S1	Active	14-20-603-4039	NE	NW	12	41S	24E	0660FNL	1980FEL	
MCELMO CREEK	I18	430371570900S1	Active	14-20-603-4495	SE	NE	12	41S	24E	1840FNL	0555FEL	
MCELMO CREEK	E19	430371634200S1	Shut-in	14-20-603-5449	NE	SE	11	41S	24E	1980FSL	0660FEL	
MCELMO CREEK	G19	430371634600S1	Active	14-20-603-5450	NE	SW	12	41S	24E	1350FSL	1800FWL	
MCELMO CREEK	I20	430371571000S1	Active	14-20-603-5451	SE	SE	12	41S	24E	0990FSL	0500FEL	
MCELMO CREEK	N07	430371636200S1	Active	I-149-IND-8839	NE	SW	29	40S	25E	2083FSL	745FWL	
MCELMO CREEK	P07	430371636600S1	Active	I-149-IND-8839	NW	SE	29	40S	25E	1820FSL	2140FEL	
MCELMO CREEK	O10	430371596700S1	Active	NOG99041325	SE	NW	32	40S	25E	2086FNL	1944FWL	